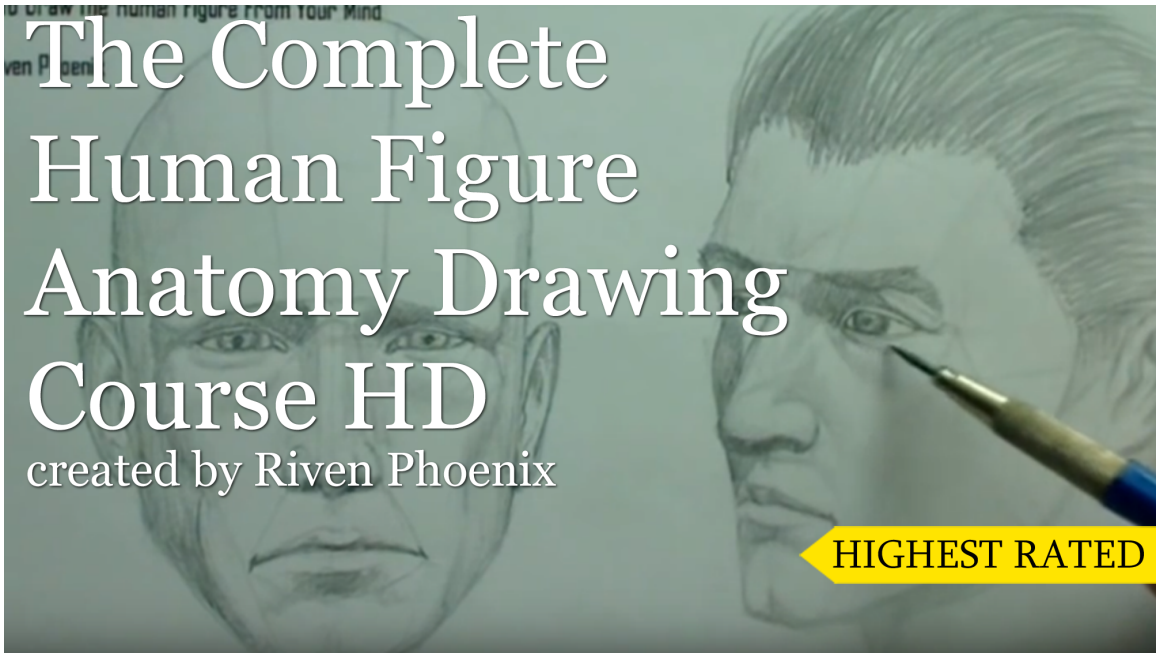

The Structure of Man

Learn to Draw the Human Figure From Your Mind with Riven Phoenix

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Figure Drawing Lesson 036 - The Invention of The Spine - Part 6

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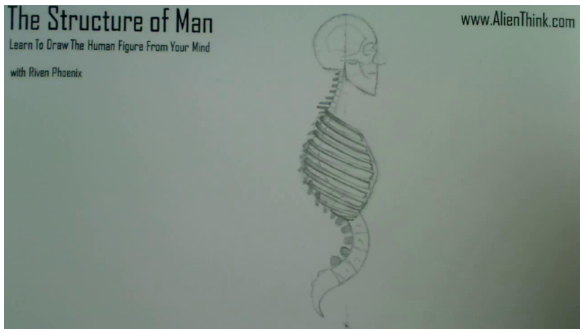
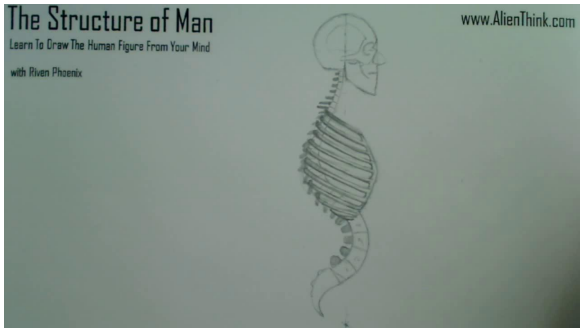
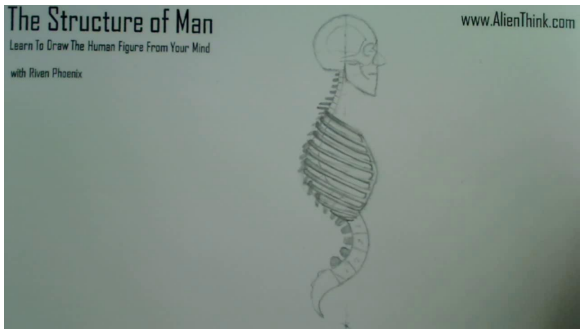
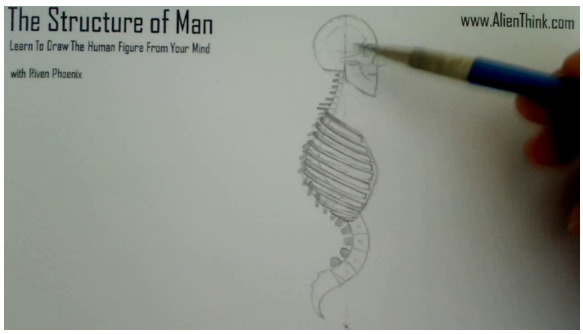
1		Hey guys, my name is Riven Phoenix, and welcome to the structure of man, learn to draw
2		the human figure from your mind training course.
3		Okay, so now in the previous lesson, we've imprinted the knowledge or the side view, and
4		we proved that the mind has rapidly understood so much of the figure, right?

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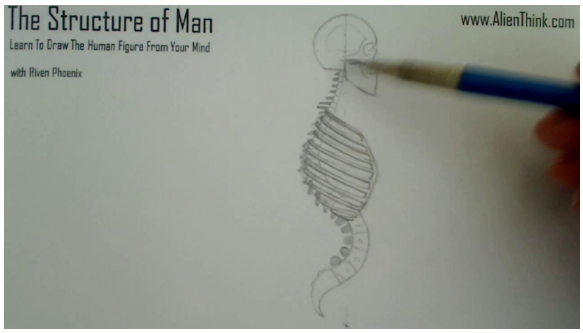
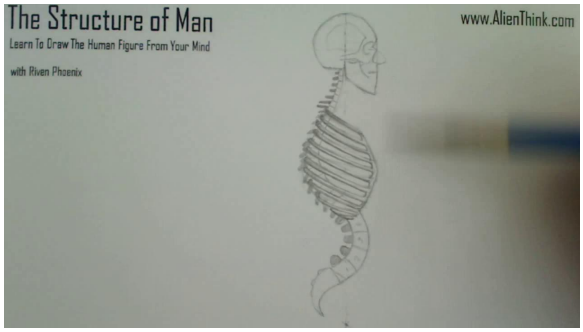
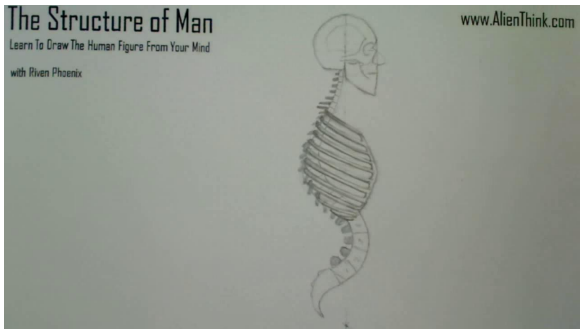
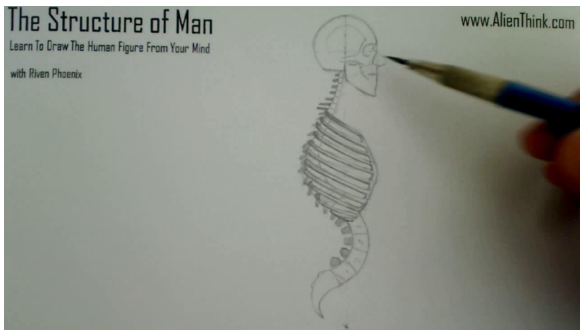
5		This was completely, though, from memory, and you can see by understanding the concept
6		of the formulas and the ratios, we can draw very accurate skeleton system completely
7		from the mind, right?
8		So you can imagine what would happen once we get all the muscles down, right?

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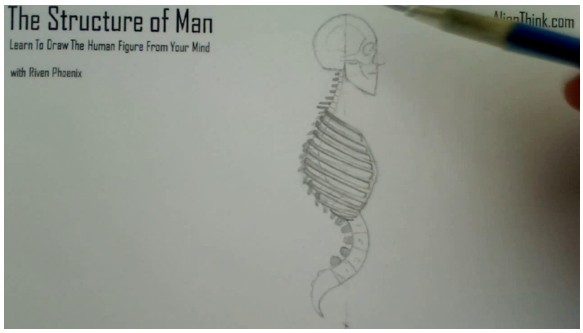
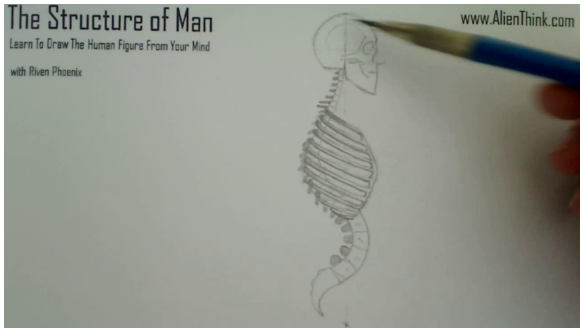
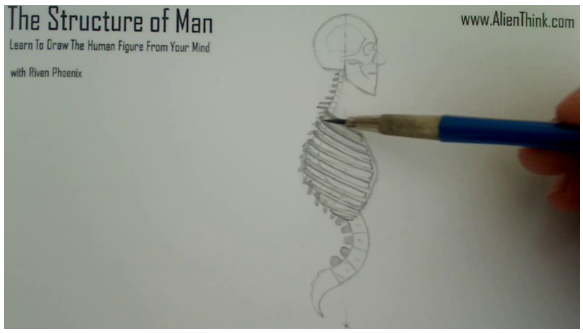
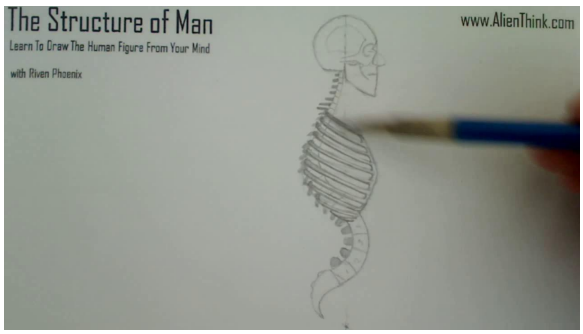
9		So in that idea here, it's all about understanding that once you get the concept, right, you have
10		to start thinking things in forms, right?
11		So here when we did the chassis cavity, right, we really just drew out the form, and then
12		on top of it, we can do whatever we want, right?

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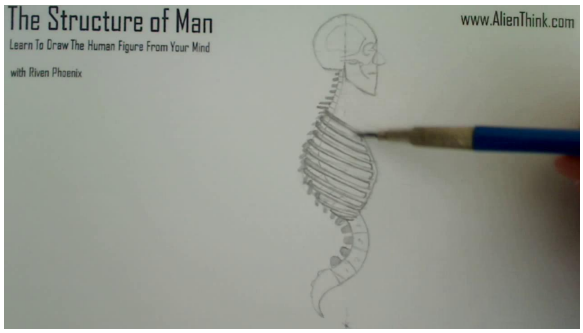
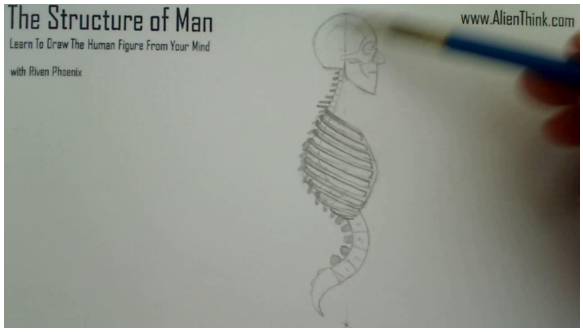
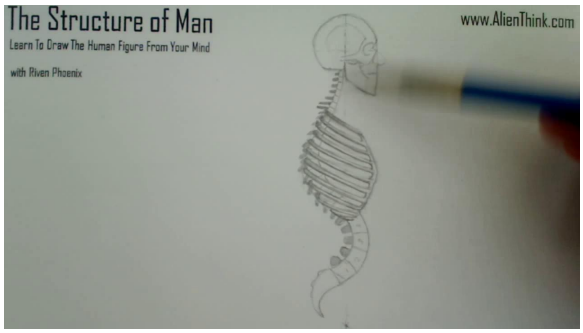
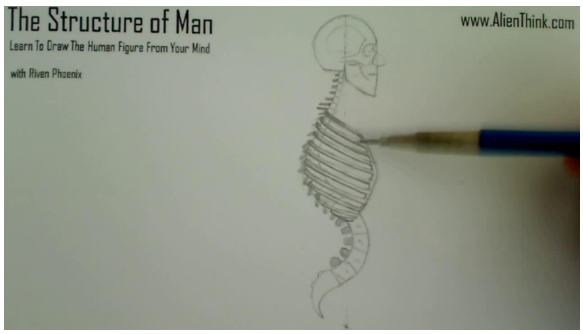
13		And we just have to put the lines down, right?
14		When we did the form of this guy, we just had to put the lines down in the end, right?
15		So this is something that will lead into understanding what it really means to draw from bliss, right?
16		To draw from bliss is to having enough knowledge to be able to draw whatever you want, the

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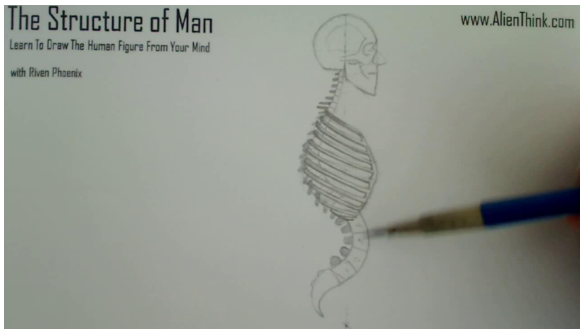
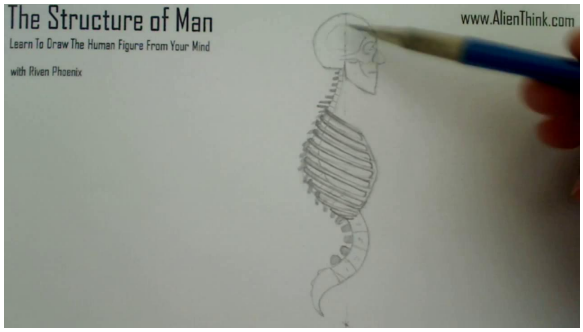
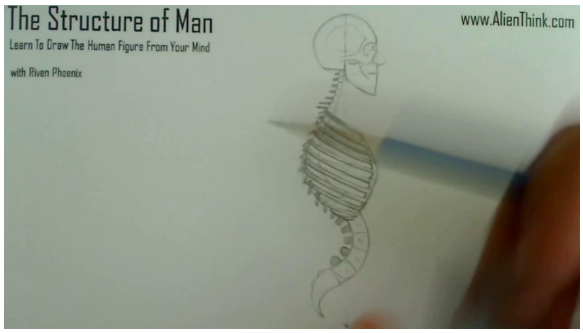
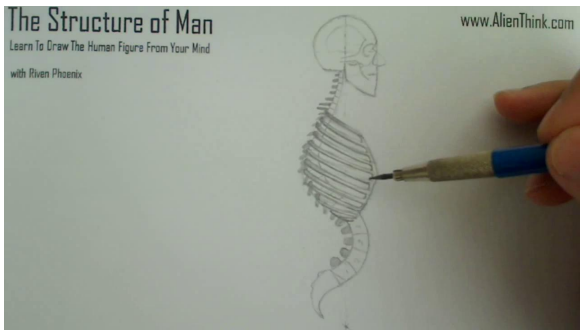
17		way you want it, right?
18		And doing it with basic concepts of forms, and then knowing that, yeah, I can just come
19		back with the eraser once I have the forms, and then I can increase its detail or change
20		the stuff around, right?

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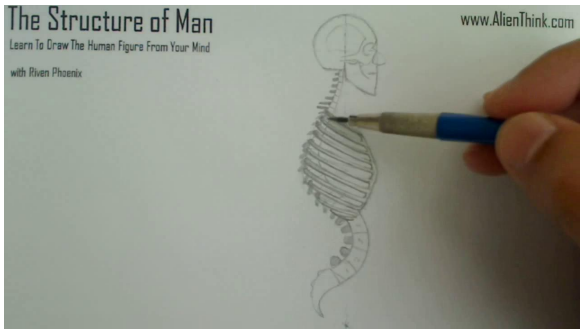
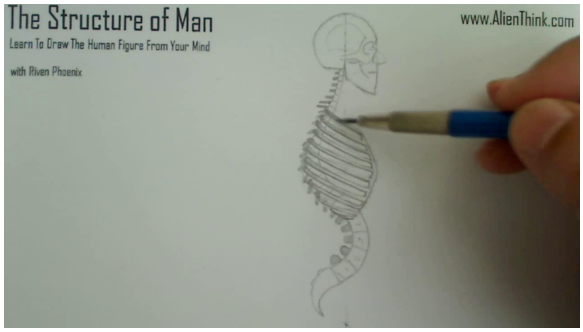
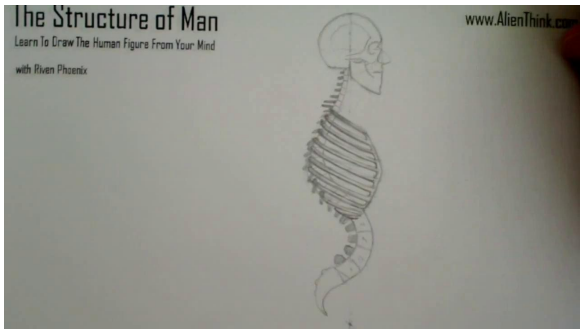
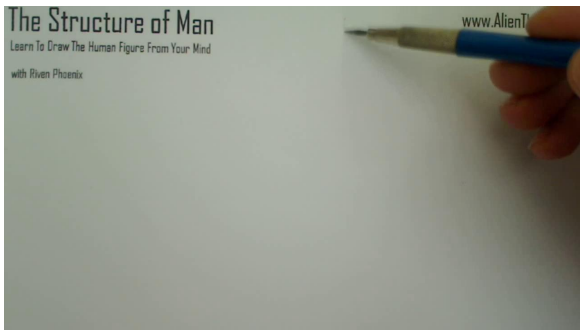
21		And this is what happened in here is when we did this, we could adjust it.
22		So the ribs lined up correctly.
23		So now we're going to look at the back of the figure here.
24		So here I'm going to do this one big, big over here too, so I can just get it on camera.

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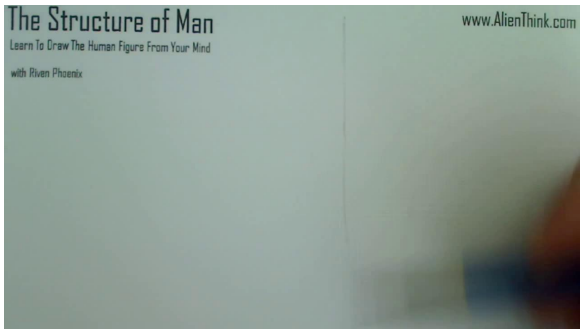
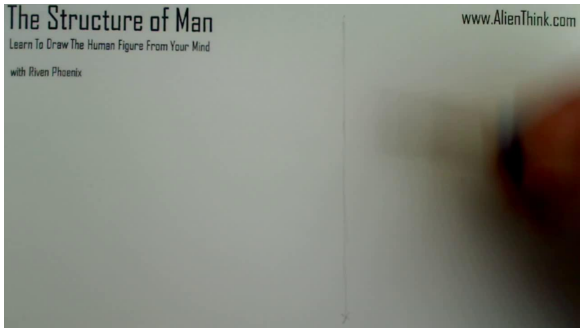
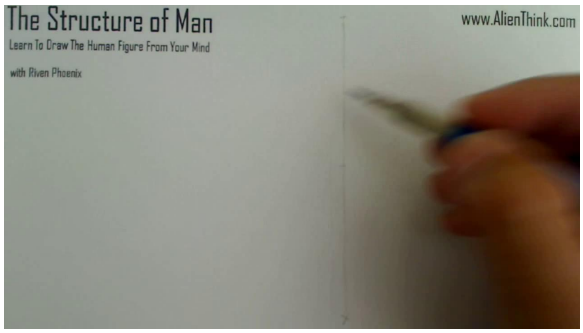
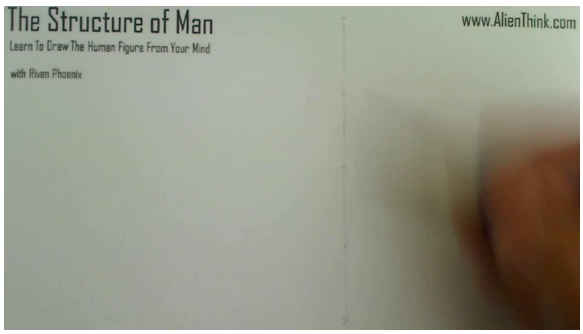
25		So here I'm just going to draw the lines out over here, here I'm going to mark an X for
26		the crotch area, marked as for the top, and notice that, and this is going to be for
27		the back, the chin, the navel, right?
28		Notice the sentences, we'll always repeat the same concepts, right?

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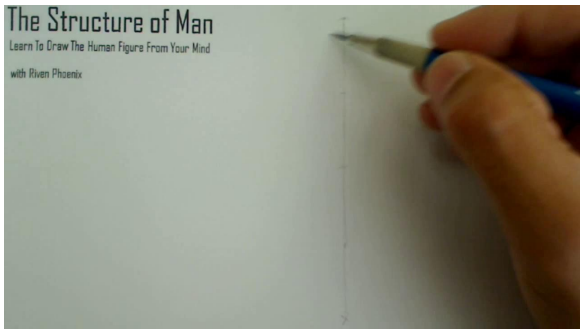
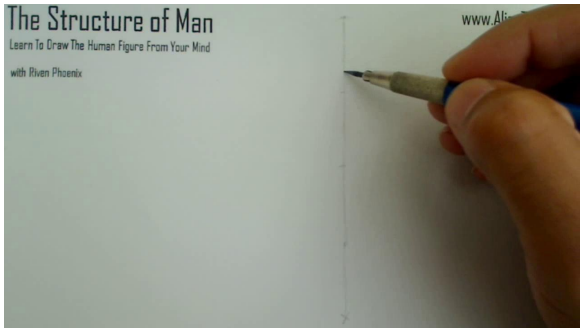
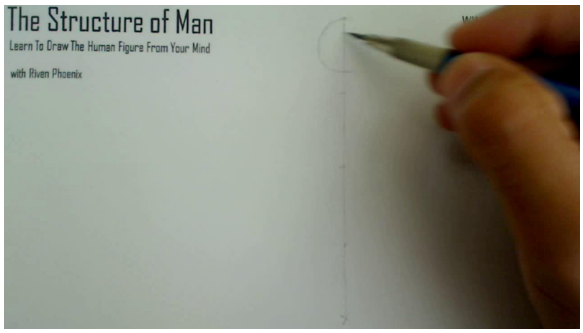
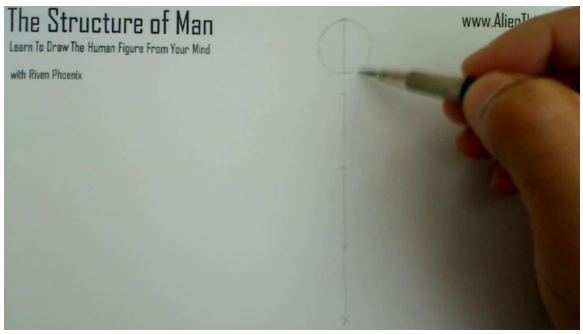
29		So here, now when I come here, I just draw it, well, when I find that center of this,
30		I find here, and then I'm just going to lightly sketch out my ideas first, right?
31		We're just going back to the concept, or you're drawing processes, right?
32		Then the previous one, we looked at a much more detailed process of drawing, where you

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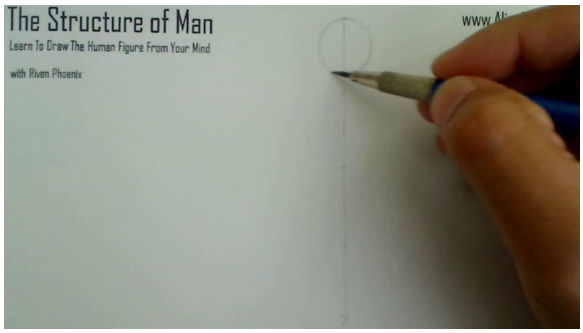
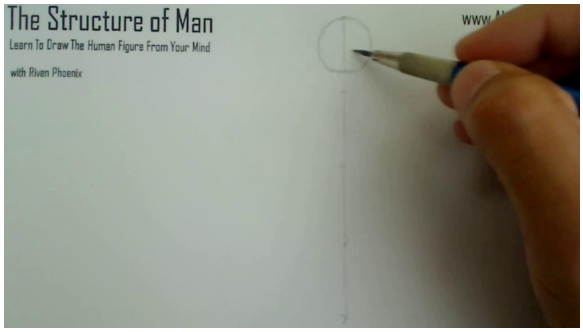
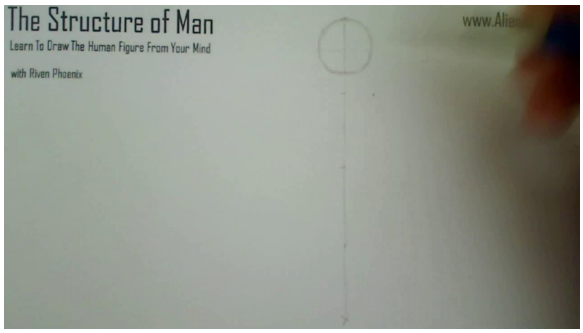
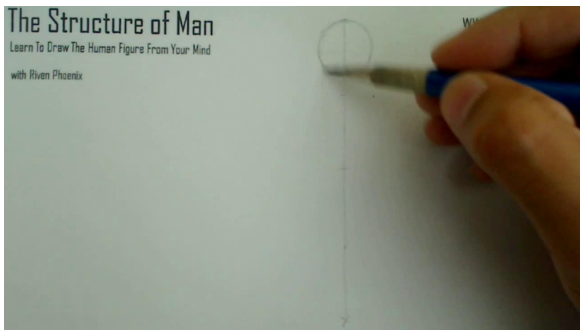
33		don't have to go too much, not, you don't have to go through too much of your drawing process.
34		So here's going to be just the back view of this here.
35		So I know that this is going to be the center here, I'm just going to draw out the line,
36		right?

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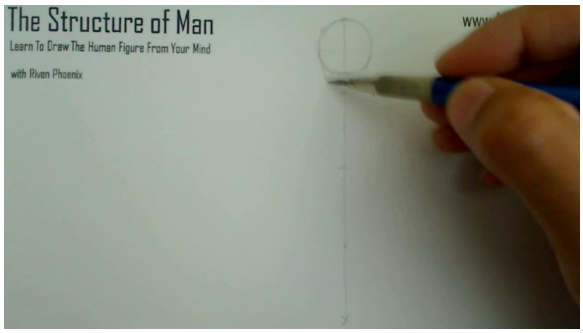
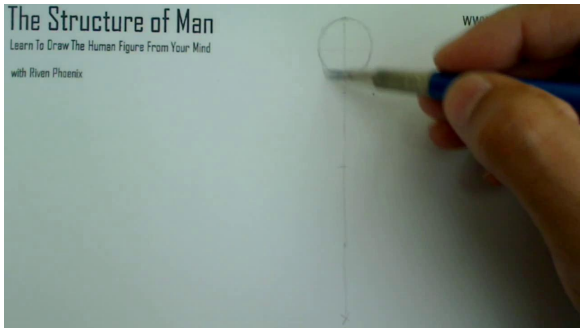
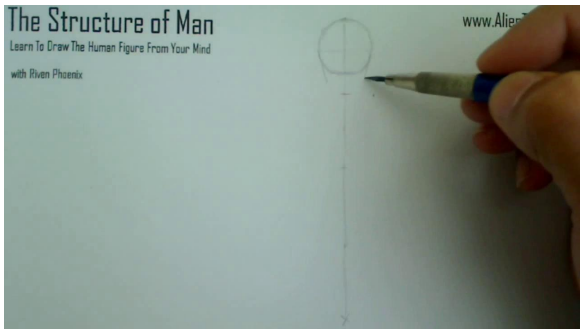
37		So here when I draw out the jaw line, I just know that it's obviously going to be a little
38		bit over here, right?
39		And then over here, when you come down, just find the, this is the back view, right?
40		So here you're going to find the brow area, which is going to be about here, and here,

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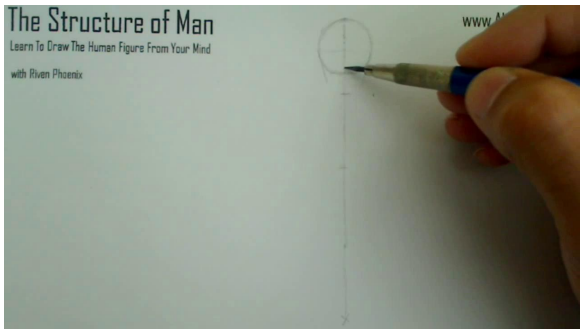
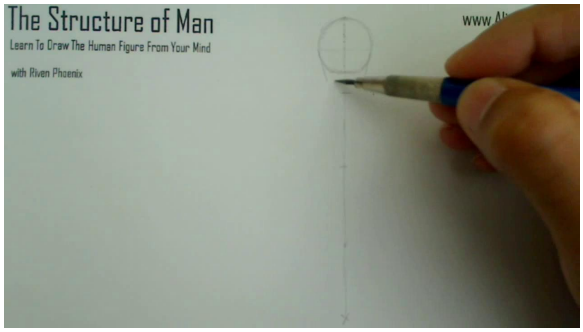
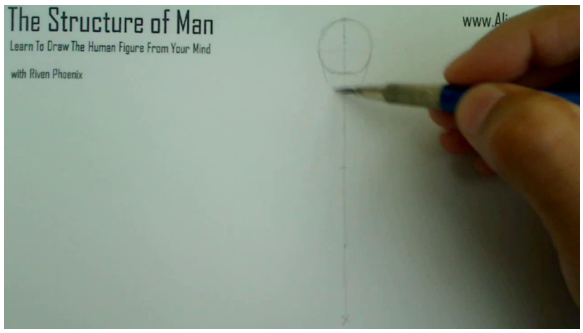
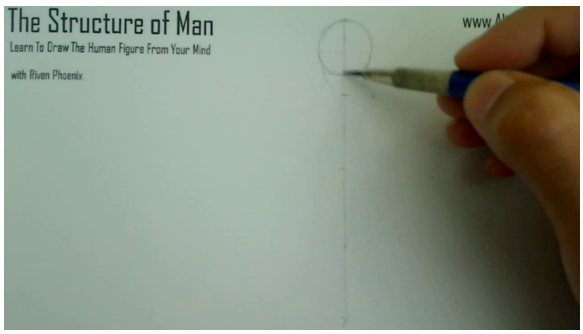
41		from here, if I find the center, I'm going to get the nose area, and over here, three,
42		over here.
43		So basically it's just going to be here.
44		Now I didn't have to measure this, right?

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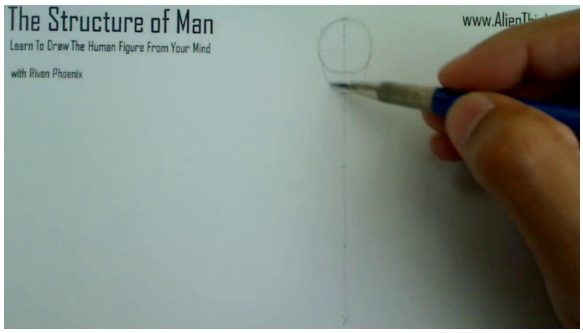
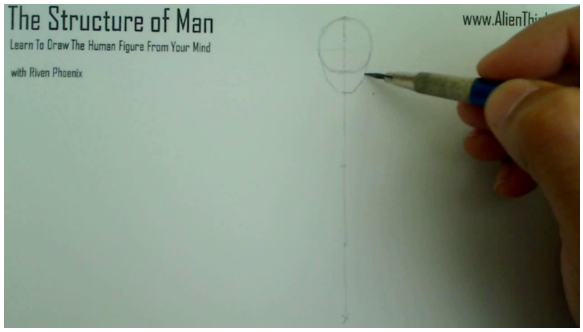
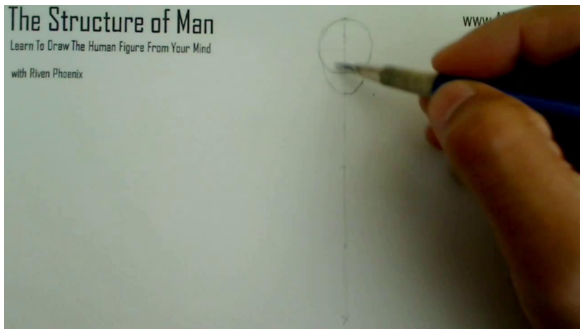
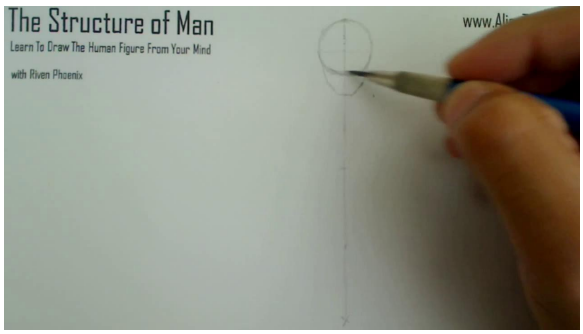
45		You can just wing it and just know that, yeah, it's going to be right, because I understand
46		it's just going to be about here, anyways, right?
47		So this is just going to be the back view over here, right?
48		And you can cut it a little, because when I do the side, I try to like cut it up a little

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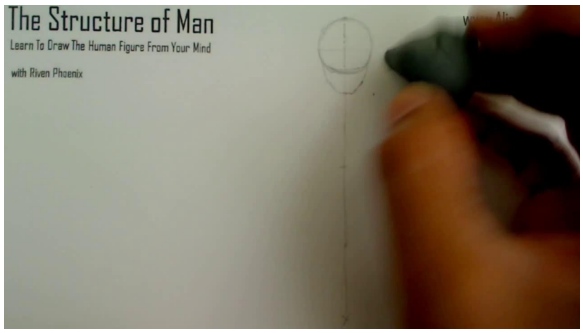
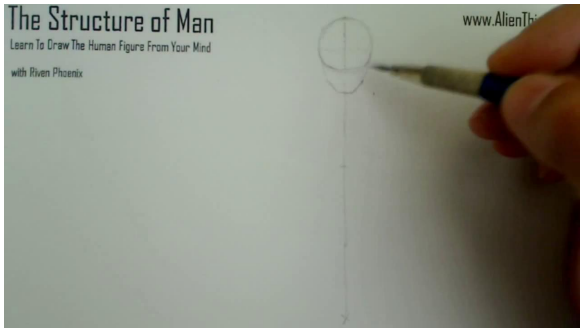
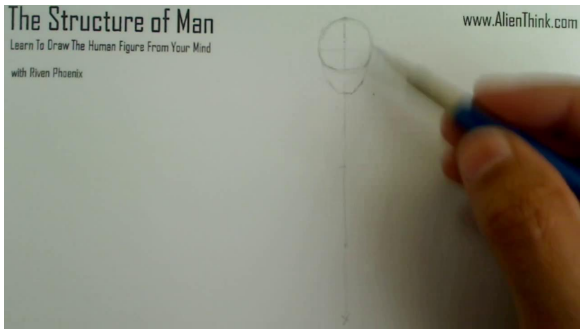
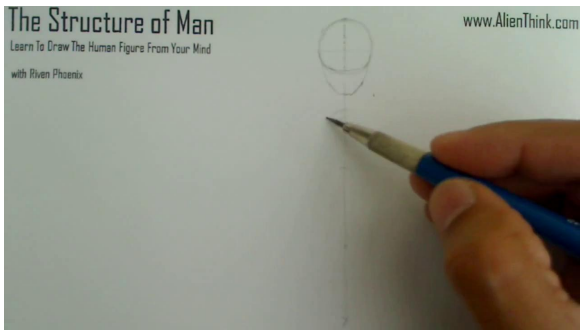
49		bit, so it goes a little more in the back, right?
50		So here's just the much more sketchy process.
51		I got that down, now I can just move on, and I know that the clavicle is going to be
52		here, I know that the chest cavity is going to be here, and I know roughly about here

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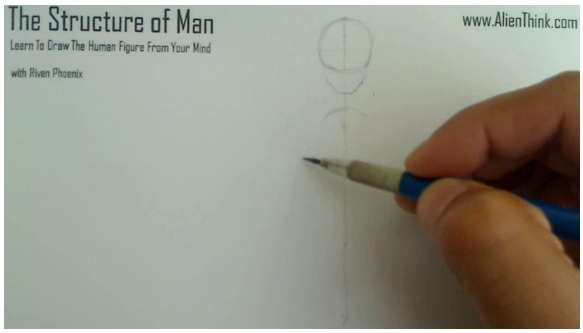
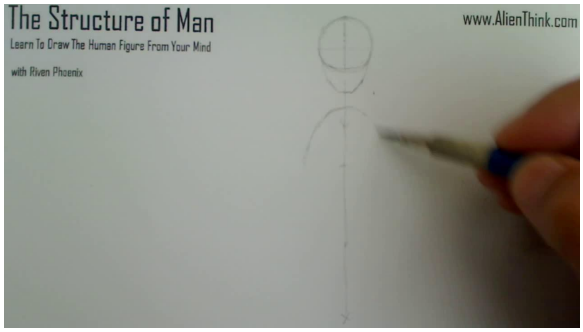
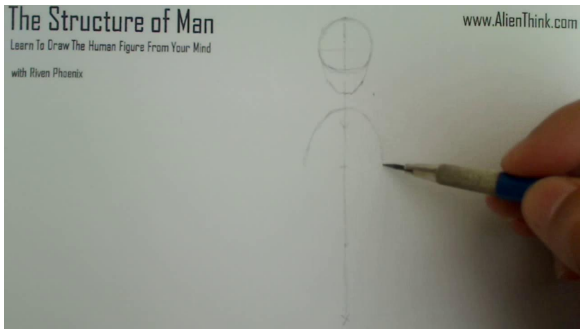
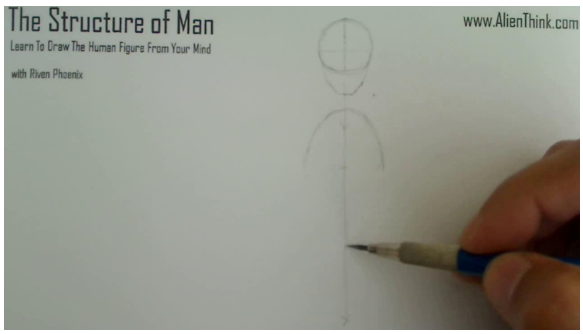
53		is going to be where it's going to want to end up, right?
54		So here, I can just look at this, right?
55		Again, we're not doing schematic drawings here, just be as organic as you want, and over
56		here, the naval is going to be here, if I do, we already learned that if we go down

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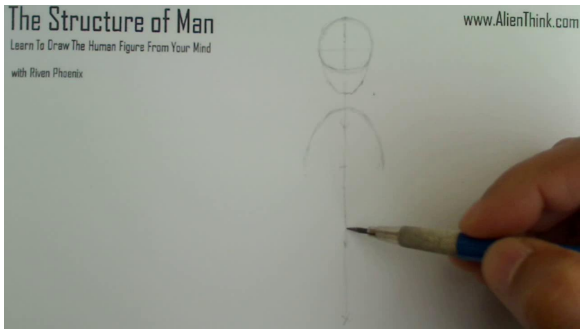
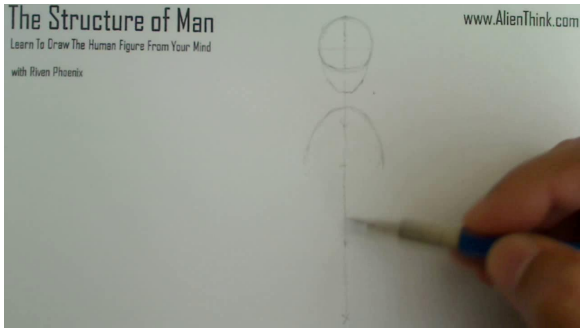
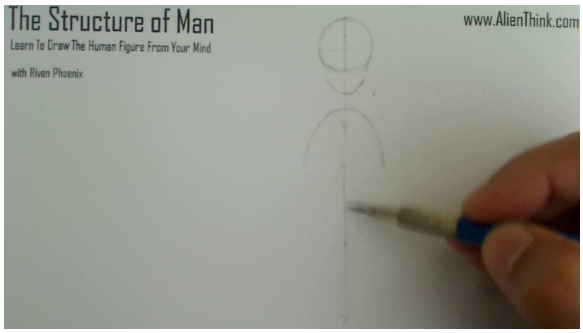
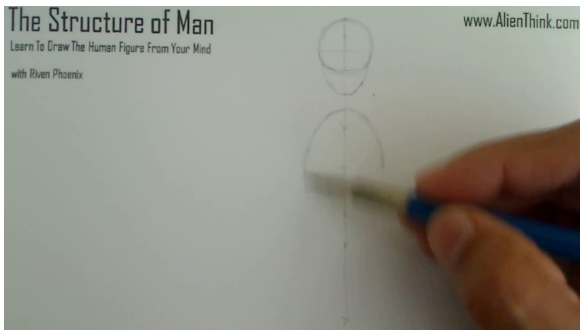
57		too much, then let's find curves more.
58		There's nothing wrong with that, it's just the way you want it to do it, but for accuracy
59		we're always just dividing three different parts, and we know we're just going to come
60		over here, just like this, over here, right?

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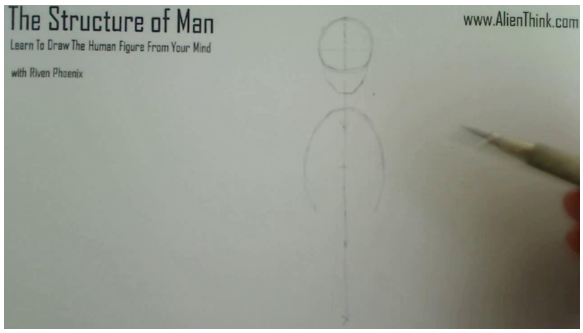
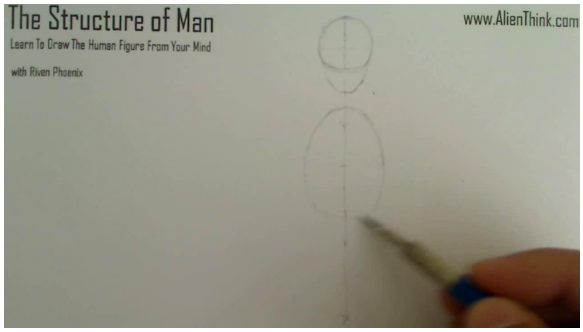
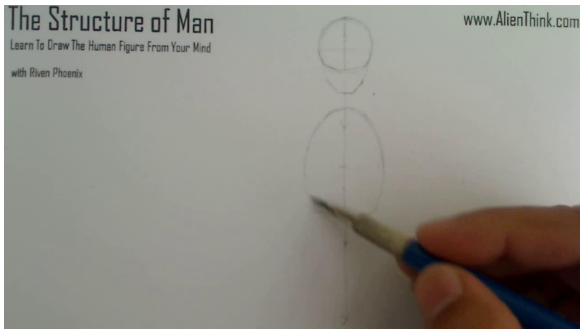
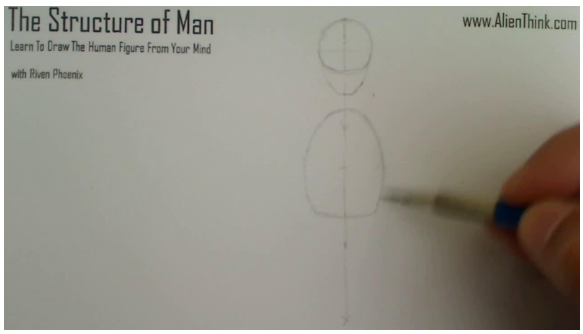
61		So this is the same idea here.
62		Once you get the form, all you have to do is just draw the ribs in, okay?
63		So here I'm just going to mark this here, so you can see it on camera, I'm trying to
64		keep this as light as possible on paper, okay?

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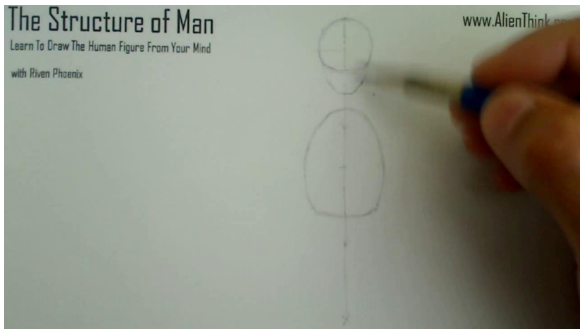
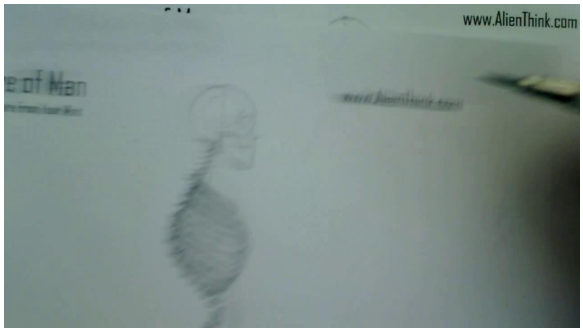
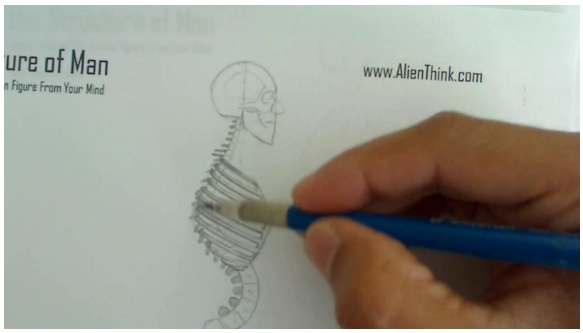
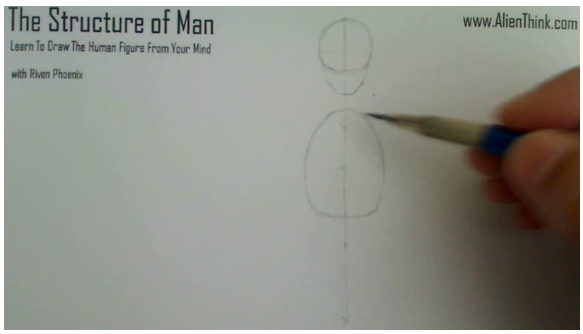
65		So now for the spine, all we have to do is now understand this in 3D, right?
66		So we know that it's going to be thin, it's going to be going like this, it's going to
67		come towards us, then it's going to go away from us, right?
68		So the general idea of this is that you're obviously not going to make the spine tiny.

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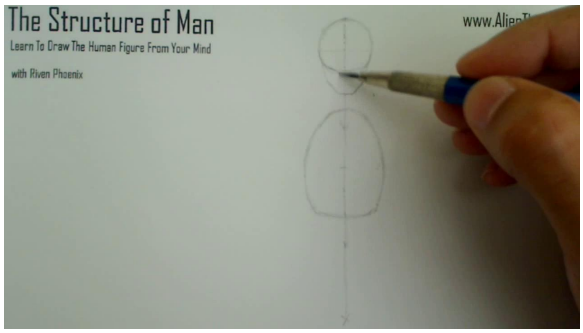
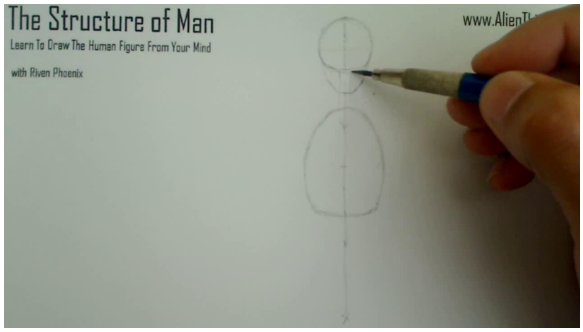
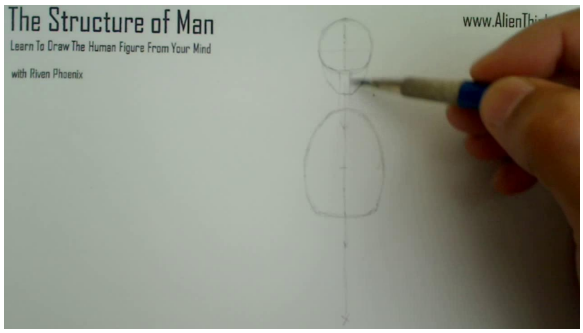
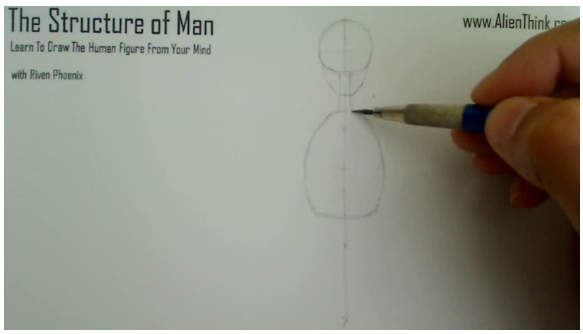
69		Over here, we're just going to state that this is basically how big it's going to be,
70		when it's coming here, right?
71		So it's coming towards us, so it's going to be elongated a little bit, right?
72		Now again, we're sketching this up, right?

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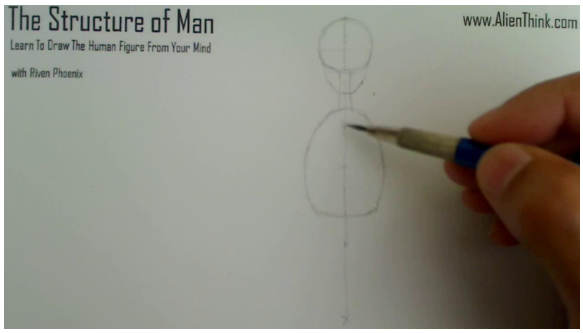
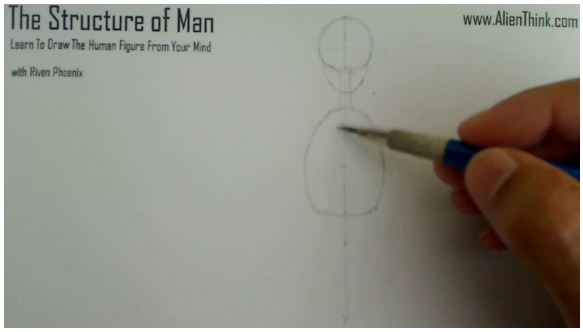
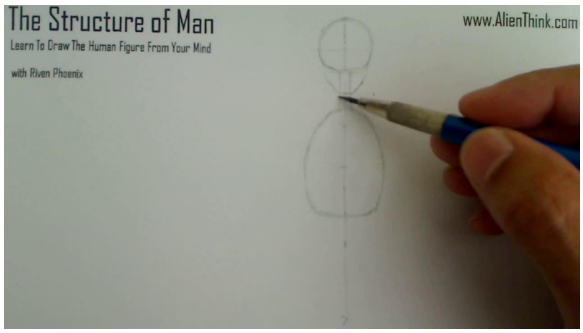
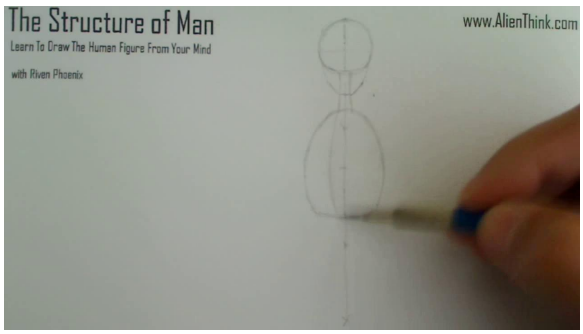
73		So if there's any issues, we can fix it.
74		So now when it comes here, we know it's going to be a curve, it's going to come towards
75		us, so we have to use a logic of perspective and say that, okay, it's going to basically
76		be like this, so it's going to be kind of thick over here, like this, right?

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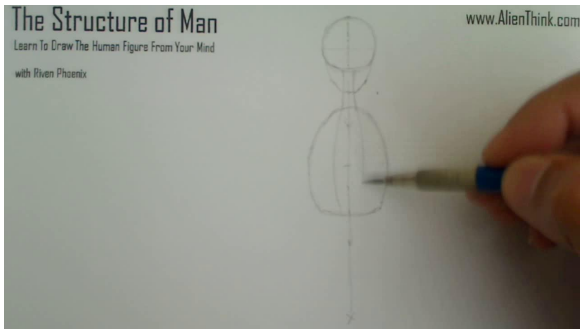
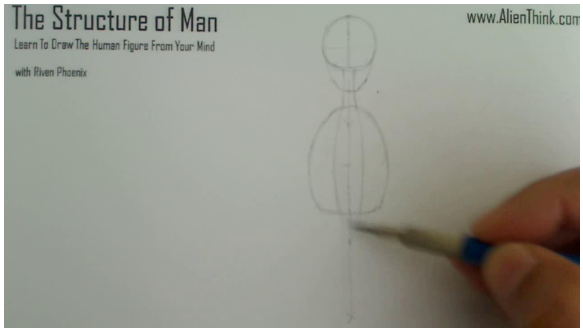
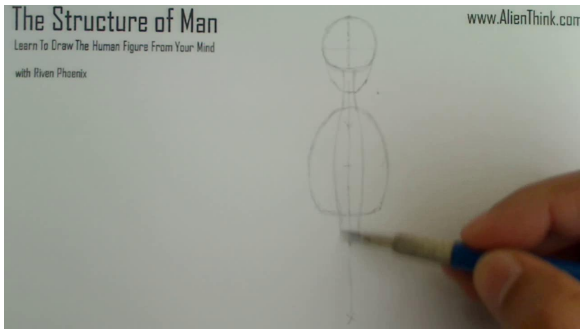
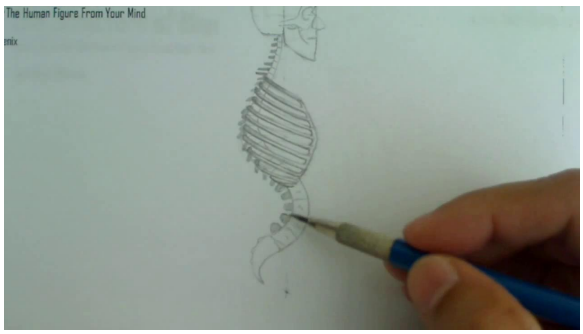
77		It's coming towards us, over here, like this, and then it's going to go back down in
78		this way, but it shouldn't be that thin, and then it's going to curve back around and
79		come towards us, so now if we look at the sacrum, where we put it, we understood about
80		the formula system, right?

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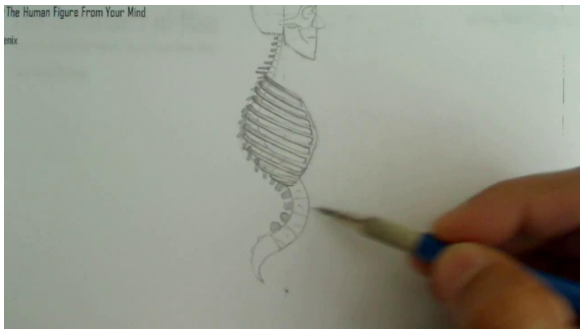
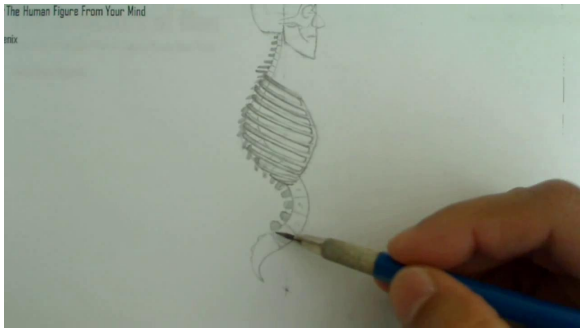
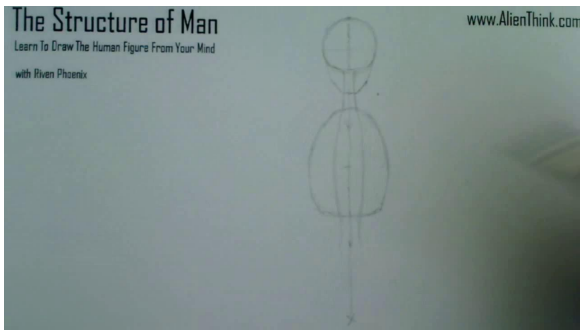
81		Where the naval was, we just had to do it this way, and it was three-fourths, where
82		there's one-third, right?
83		So from here to here, when I divide in three parts, we had stated that it's going to be
84		there anyways.

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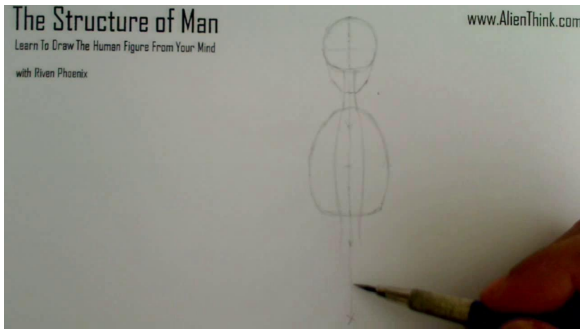
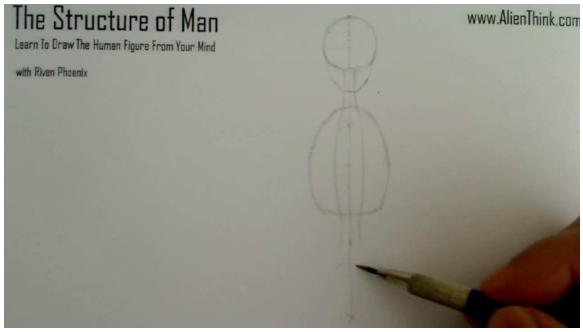
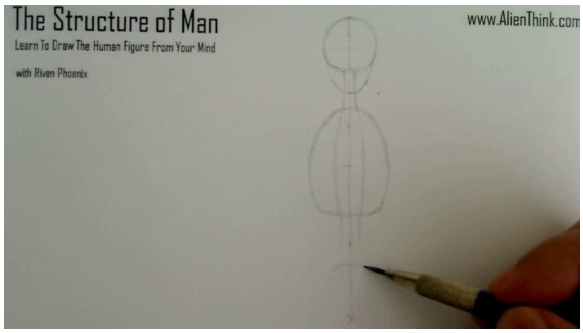
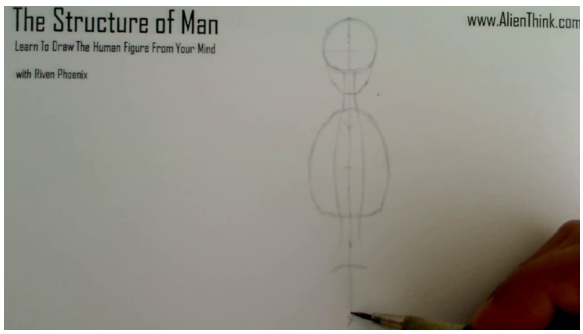
85		So from here, when we divide this in three parts, we know that the sacrum is obviously
86		going to be here, right?
87		So here we're just going to lightly sketch it out, and we know that the bottom of it is
88		going to be a little bit above over here, right?

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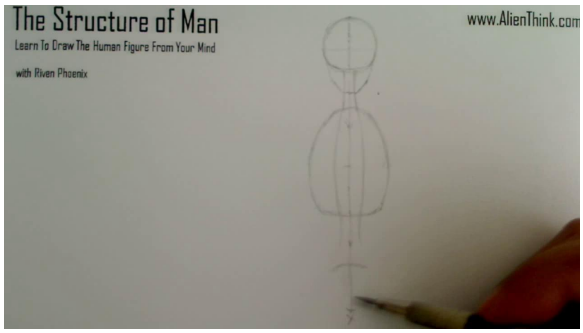
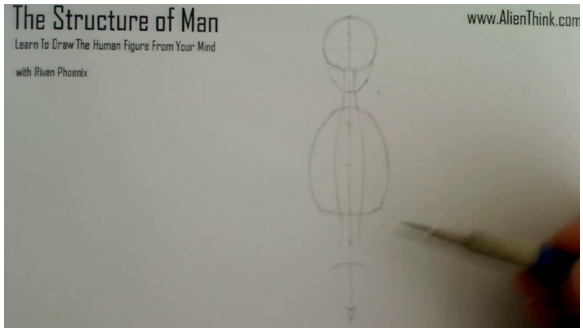
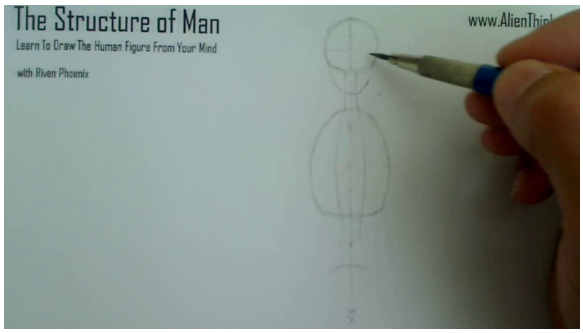
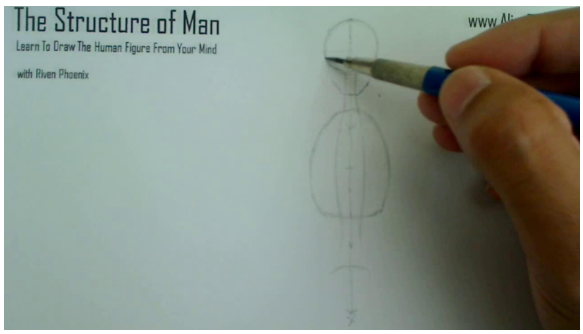
89		Just understand this idea first, okay?
90		So we also said that it's going to be basically the width of this head, so now this is all
91		approximated, right?
92		You can be a little bit in, but you can't make it too thin, because it'll just make everything

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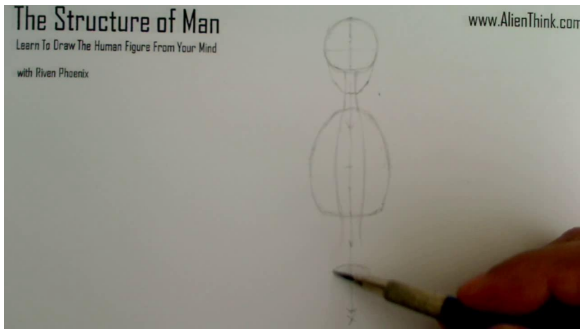
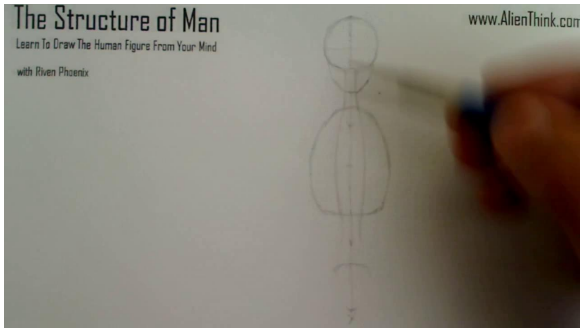
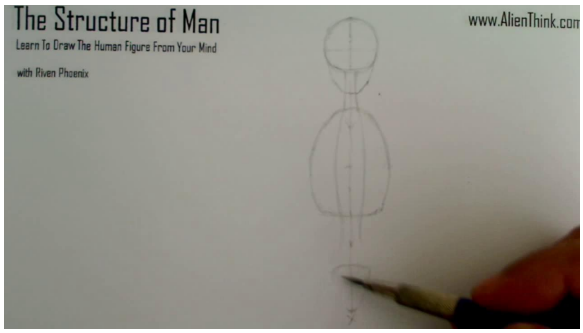
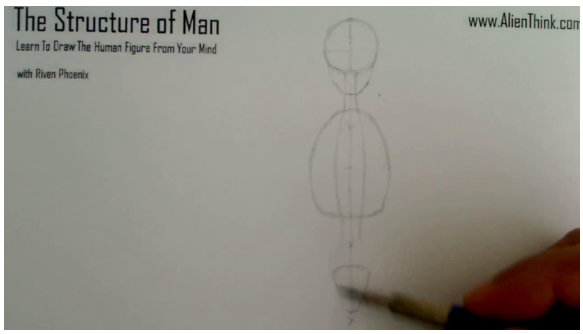
93		look odd.
94		So I know that, I mean, roughly, it's just going to be like this, right?
95		And it's obviously curving away from us, right?
96		That hook, and we know that we have put down three here, and then you can put this down

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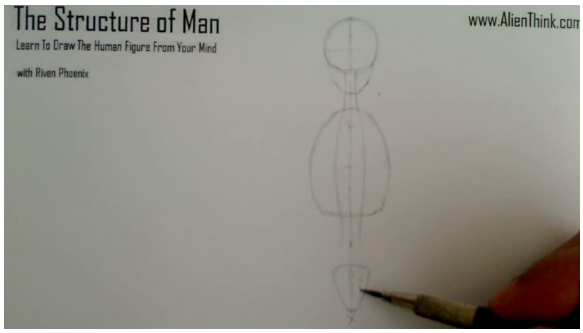
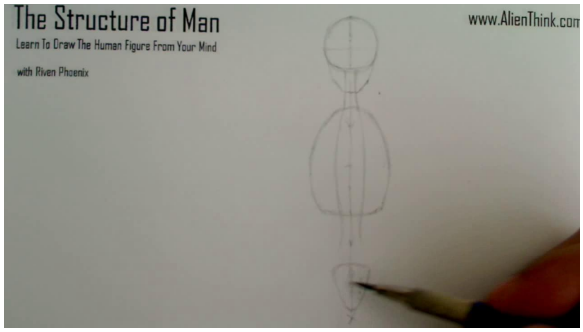
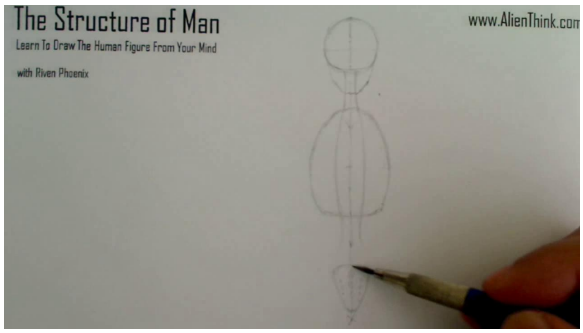
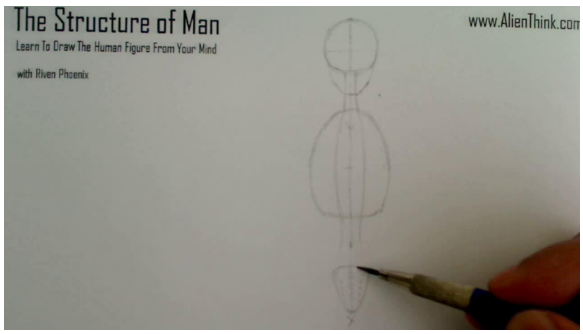
97		if you want to.
98		We've got like four holes, one, two, three, four, again, this information really doesn't
99		matter.
100		It's good to know this if you're just drawing out a skeleton, right?

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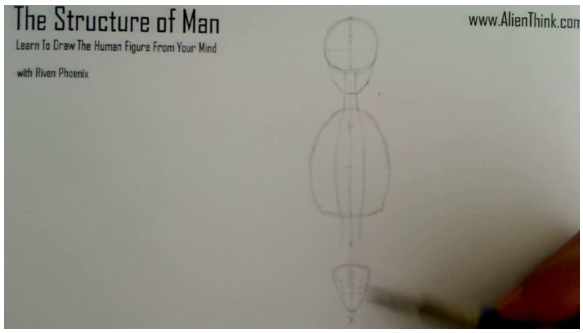
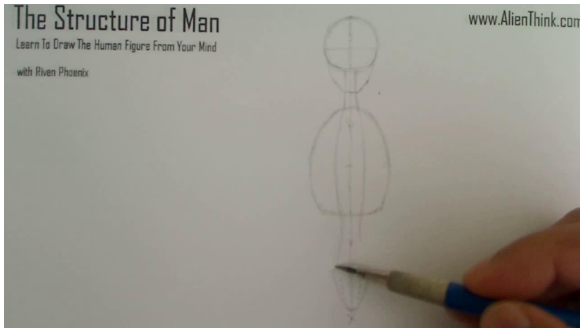
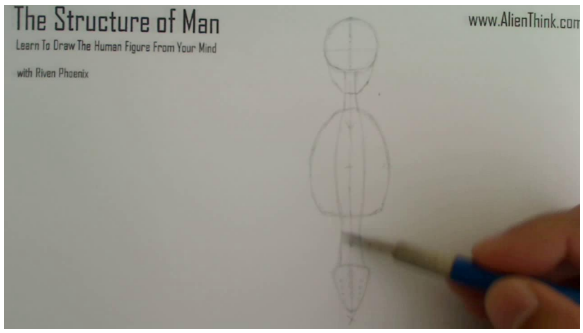
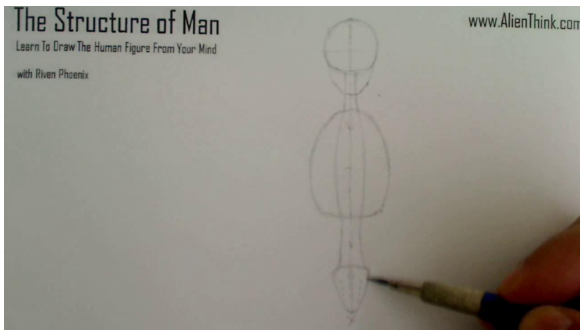
101		But this information, that's all you really need to put down here, and this basically is
102		just going to come this way, but it's not going to go here, it's just going to go just
103		like this, a little bit like this, because this is much more bigger.
104		So remember that over here, you're going to get those two ideas here that we're going

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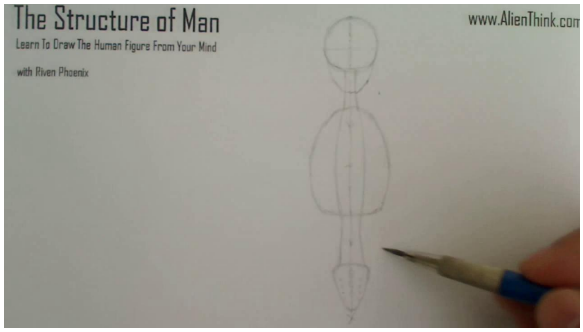
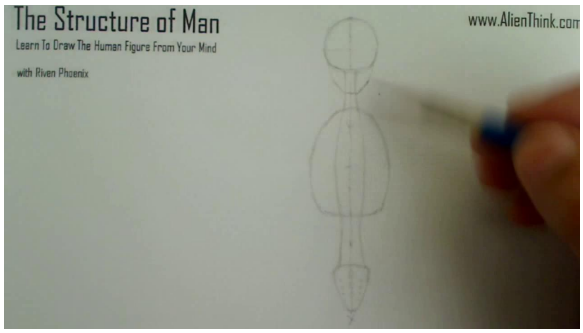
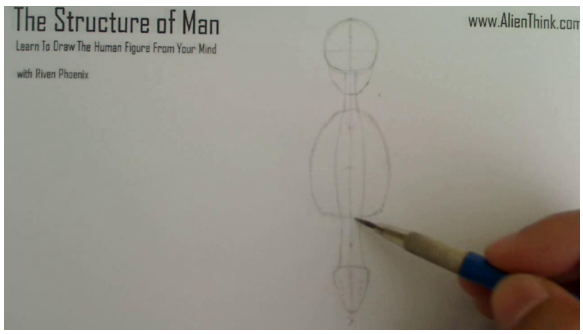
105		to add the pelvis, right?
106		The pelvis would have to be over here, later on.
107		So now that we have this, we now need to understand how we're going to divide this, right?
108		We already knew that, well, I mean, now remember this is perspective, so this is like the

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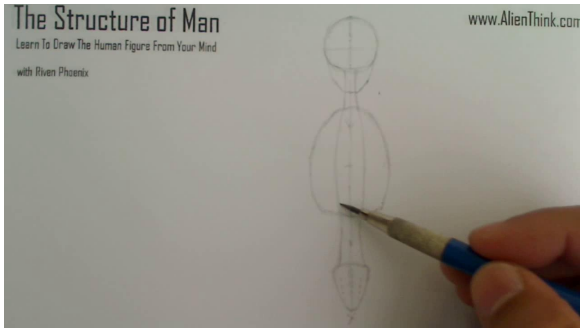
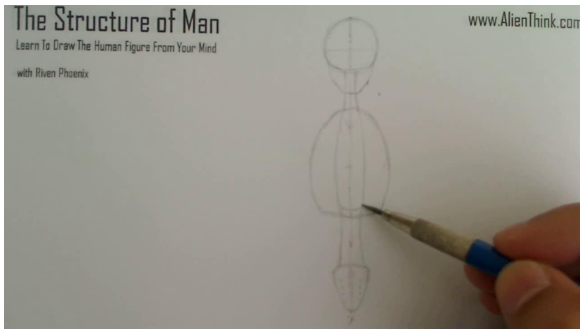
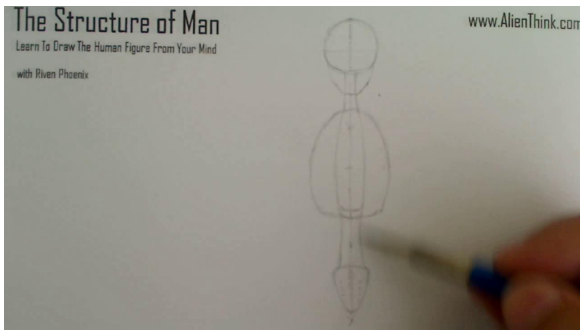
109		fifth one.
110		I know the fifth one is going to be here, right?
111		Just like from the side, we knew that it always goes and we're talking about this area
112		here.

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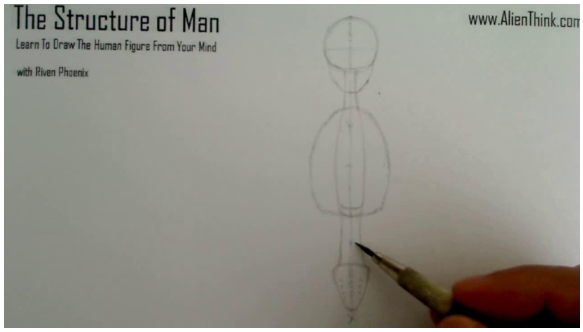
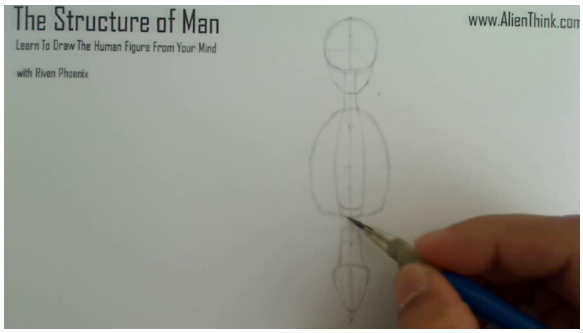
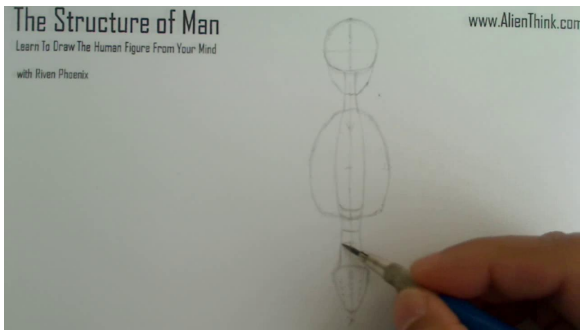
113		We know this is five over here, right?
114		So here, I can roughly just make a determination that, okay, well, this guy is going kind of
115		away from me in this direction, and this guy here is going to be kind of like this, and
116		this guy is going to be basically like this, and then you can make it this way, right?

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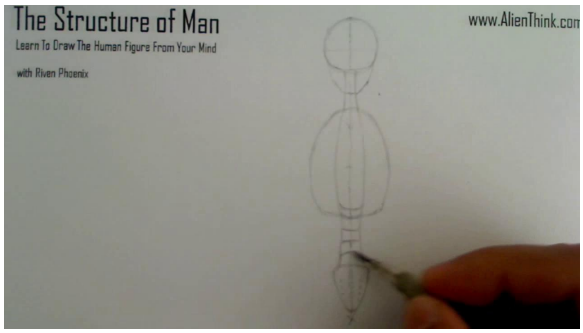
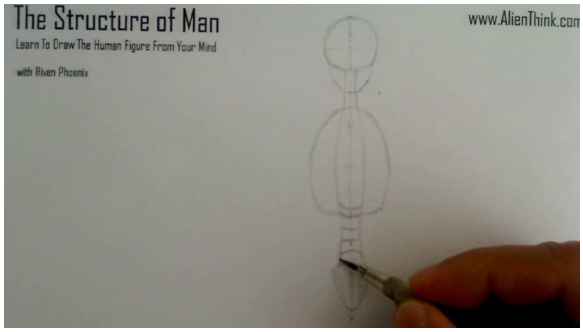
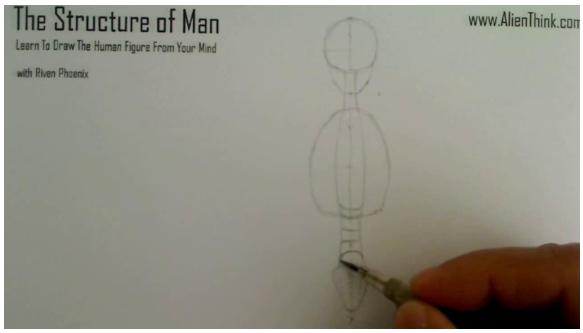
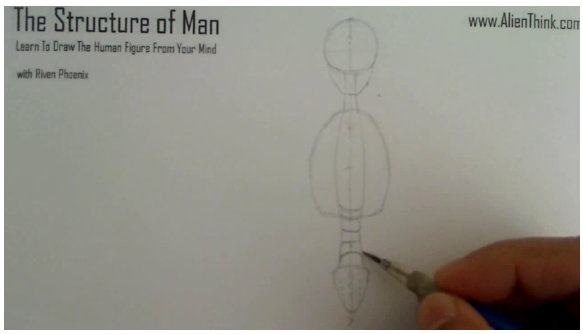
117		So this should give you one, two, three, four, five, but it's just an approximated idea
118		of how this should be.
119		This should be curved, less curved, and then you're going to get that curve again, because
120		you've got to give that illusion a little bit of perspective.

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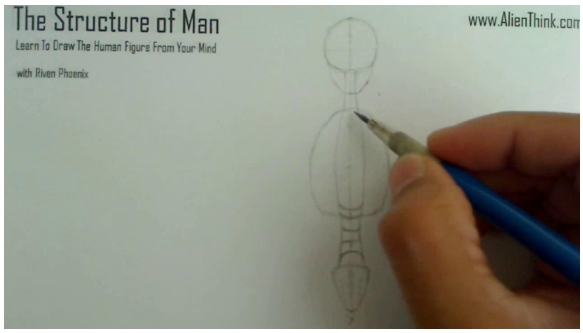
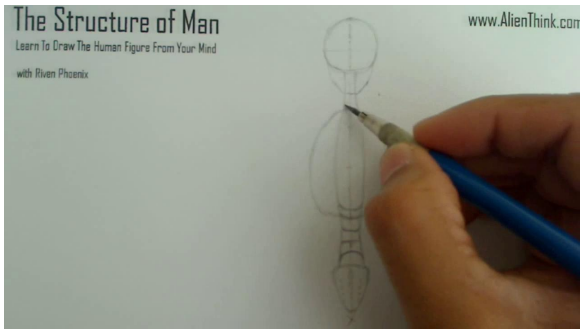
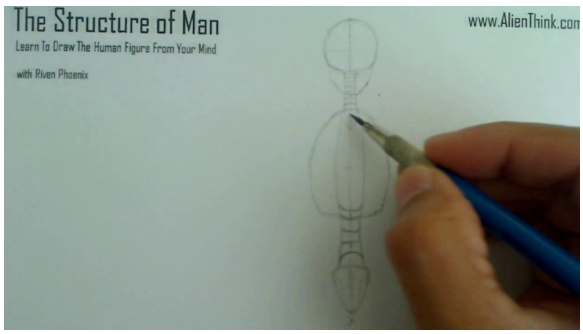
121		Over here, this part is easy.
122		We know that we just need to have six lines here, so it's really just going to be a weight
123		going away from us, so it's going to be one, two, three, four, five, six, right?
124		And over here, we know that this is really considered like a tricky area, because you've got

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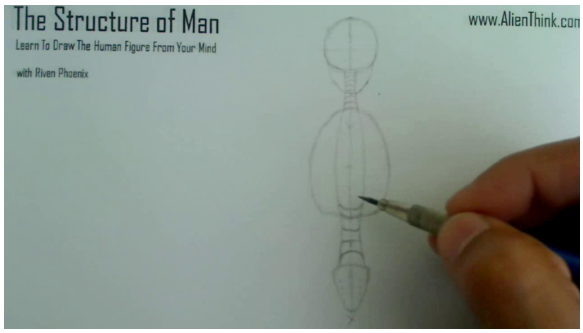
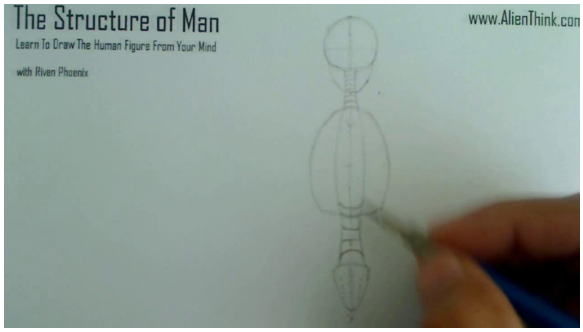
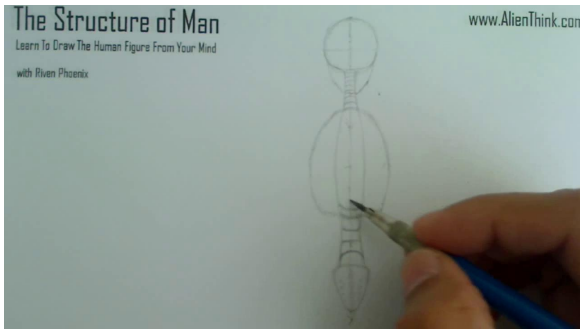
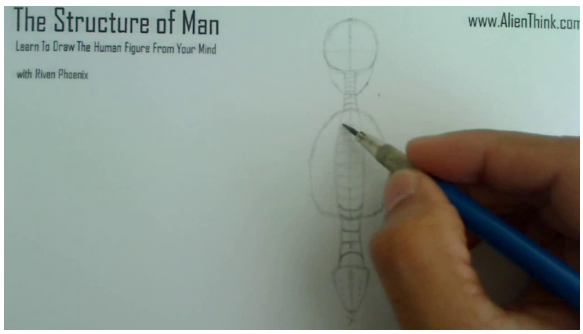
125		to get those 11 lines, right?
126		So it's better to just do this light, right?
127		So here, I'm just going to do one, two, and then three, four, five, six, seven, eight,
128		nine, ten, and then here, I can just do 11, right?

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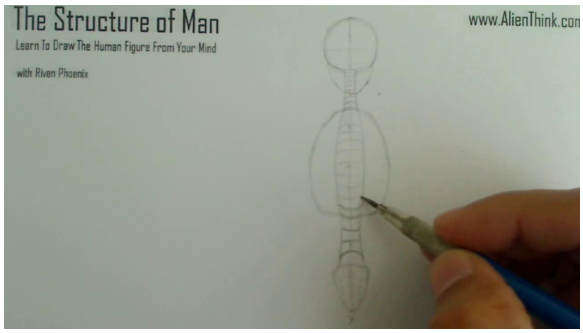
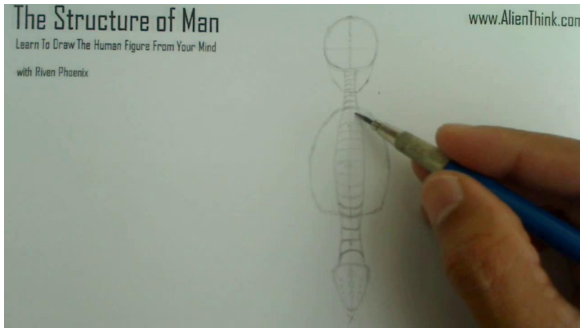
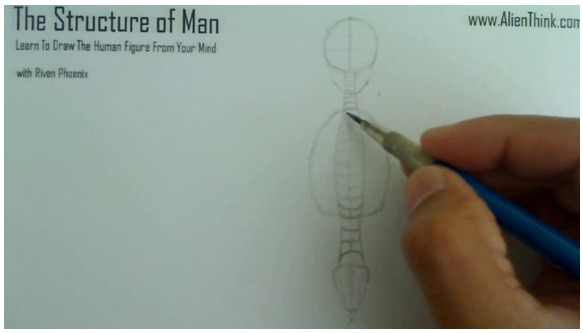
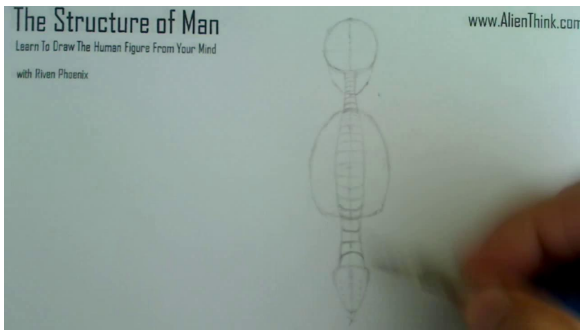
129		So here, I just need 11 lines, so one, two, three, four, five, six, seven, eight, nine,
130		ten, eleven, right?
131		So this one is going to be like that tricky area.
132		Okay.

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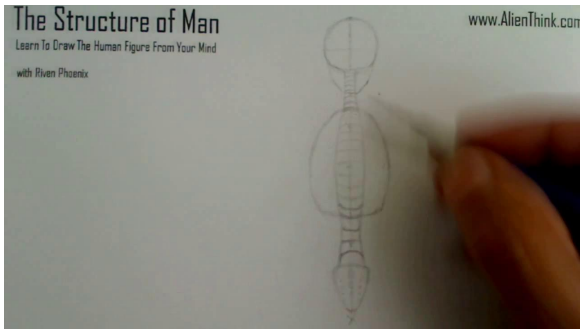
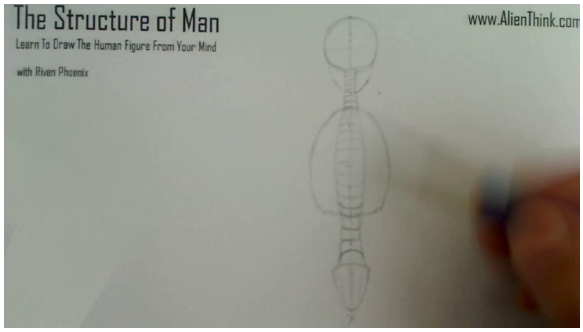
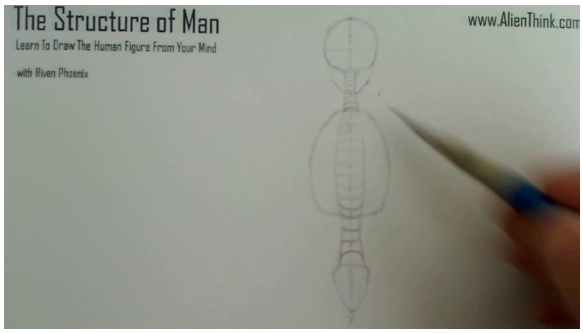
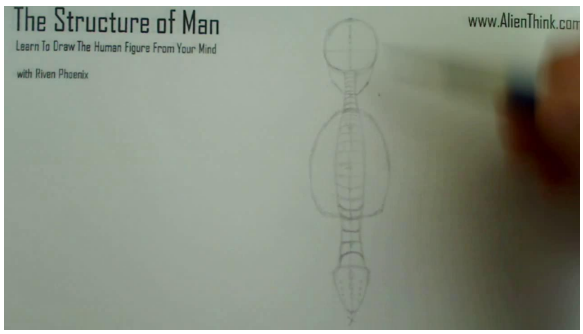
133		Now, notice that in this drawing here, and in this drawing, we haven't even put the scapula,
134		and we're not going to, right, because I want to make sure that you understand this,
135		we'll just come back and edit later.
136		Okay.

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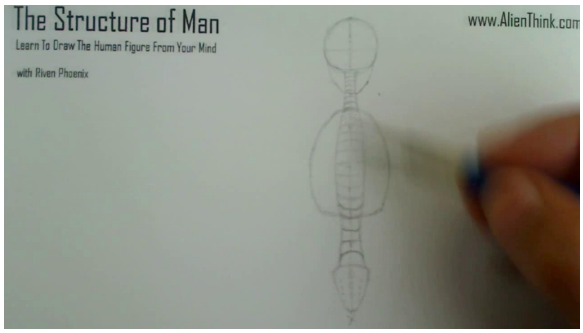
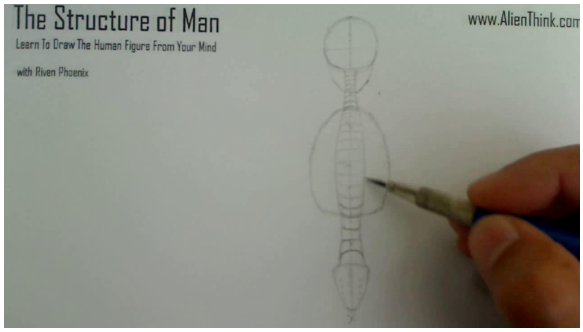
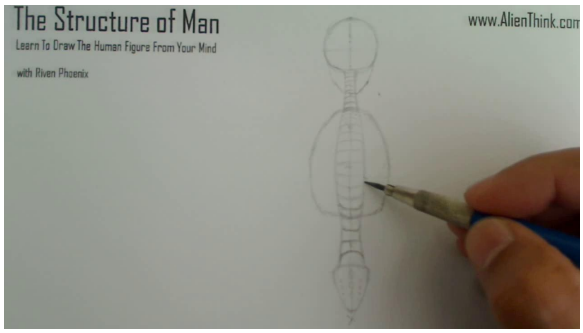
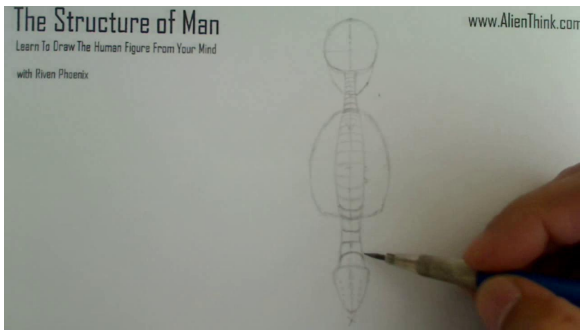
137		So once we have this, right, we've got to get the general form idea down.
138		We know that we already have talked about this that really is just going to be these prongs.
139		So for this idea here, just put these prongs over here like this, right?
140		So here, we know that we're going to get a prong, prong, prong, and just make these

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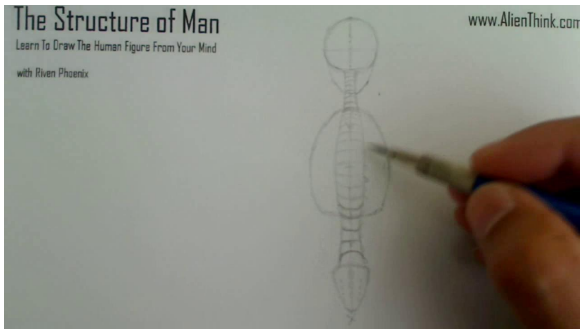
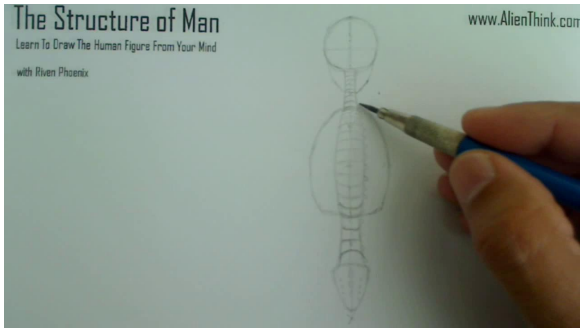
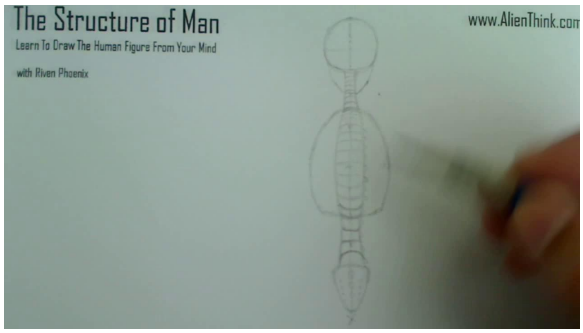
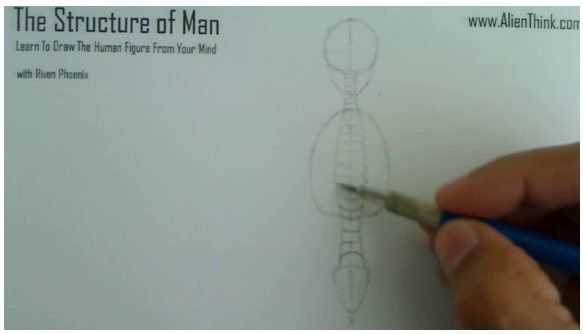
141		slight prongs.
142		Okay.
143		Now, this is all optional.
144		You can put it.

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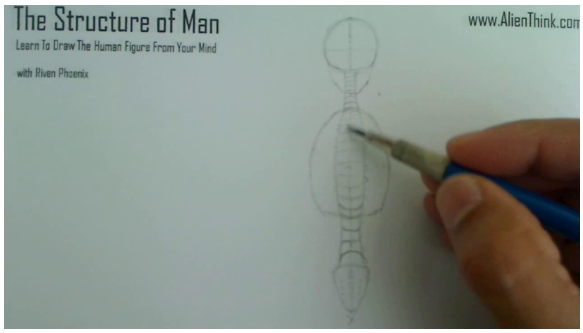
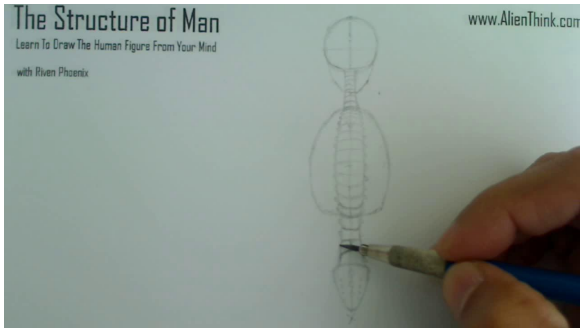
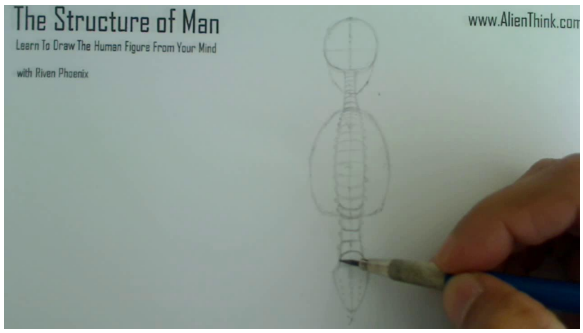
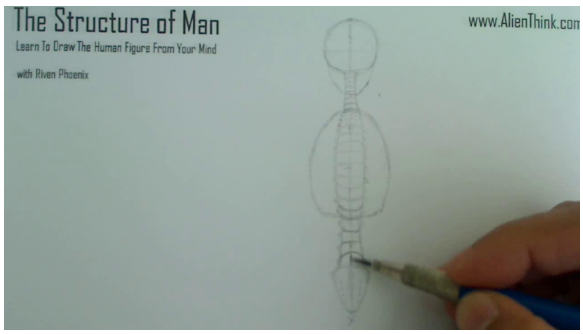
145		This is where the ribs are going to be joined from.
146		Right.
147		And we also know about those things here, those prongs that go in the back.
148		So here, I'm just going to suggest it with these lines here.

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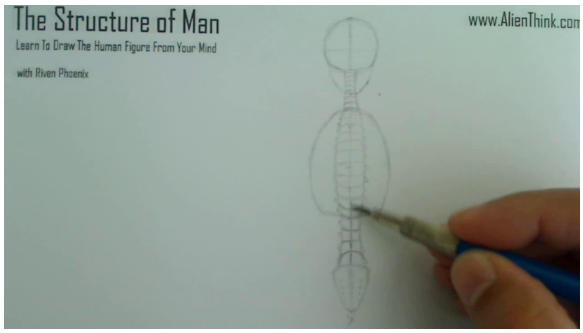
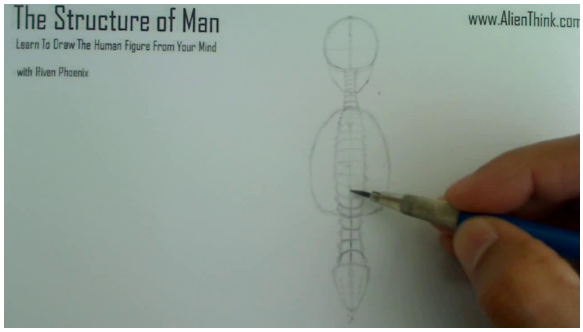
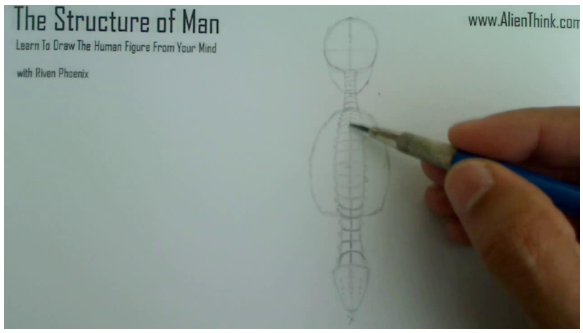
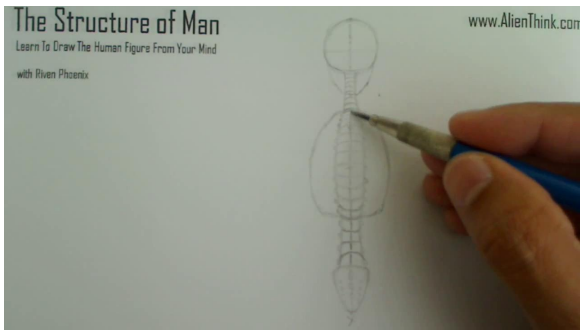
149		Right.
150		And we'll just put everything here, kind of light, because we might want to adjust something.
151		Right.
152		Okay.

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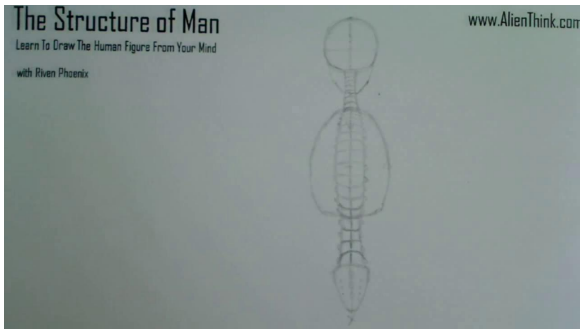
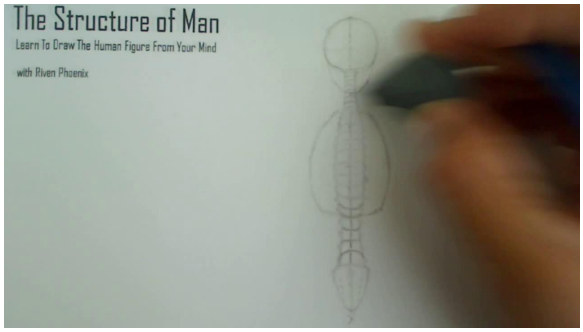
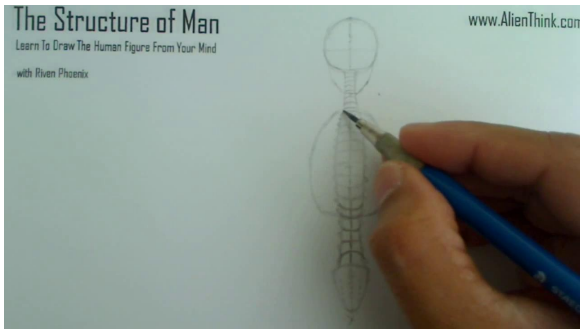
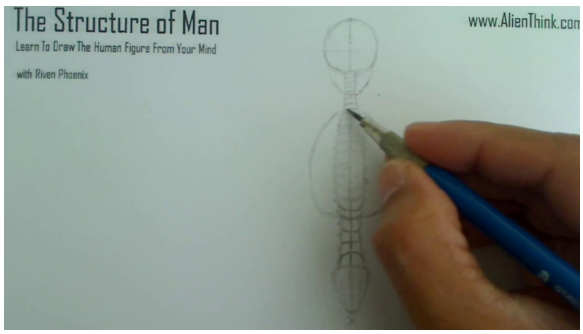
153		So here, I'm just going to fix this up.
154		Follow here.
155		Okay.
156		And that'll just clear up that area over there.

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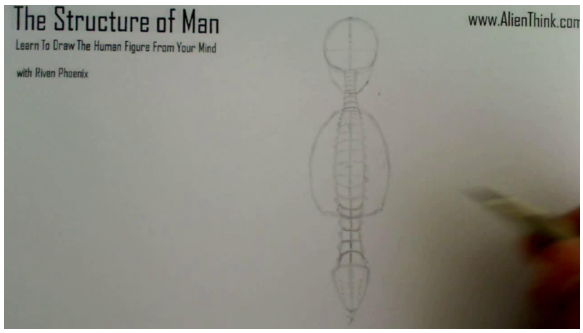
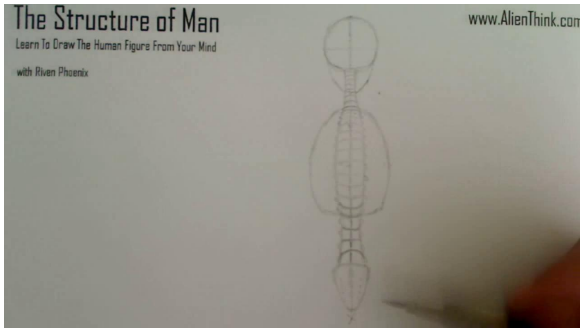
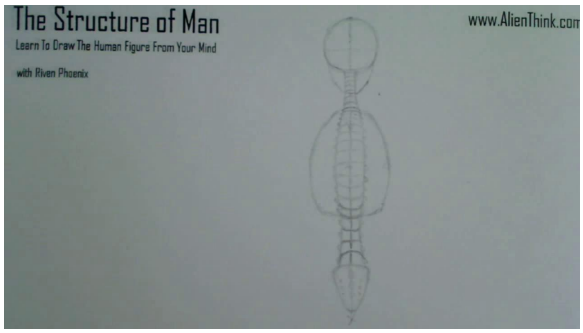
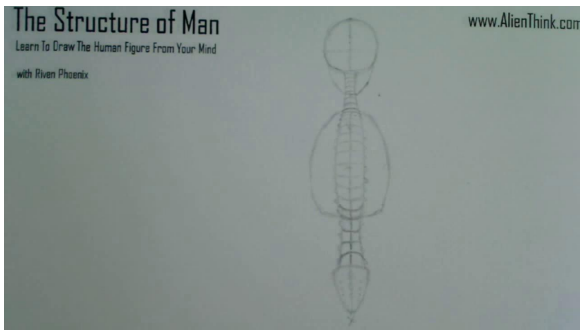
157		Okay.
158		So once we have this, now we can think about the ribs.
159		Right.
160		So now, the understanding of this basically is going to be that what you have to do is now look at that this stuff is going in an angle this way.

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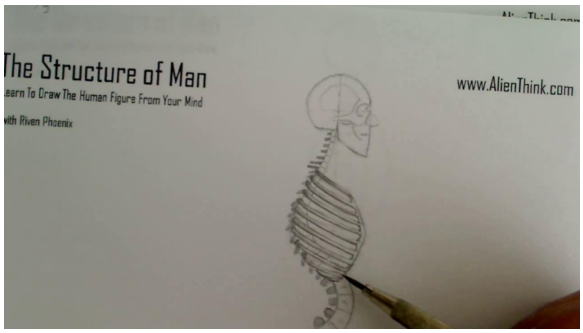
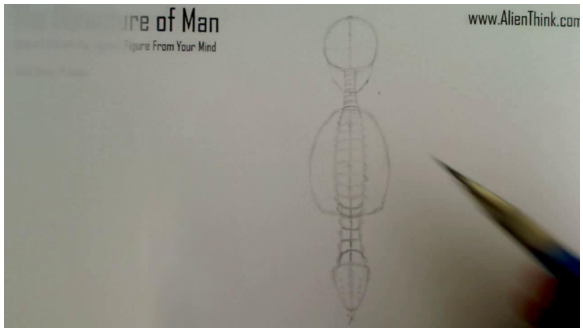
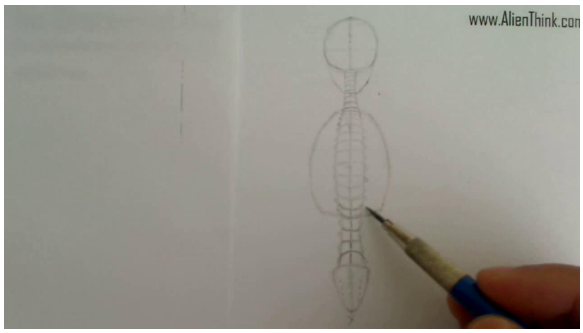
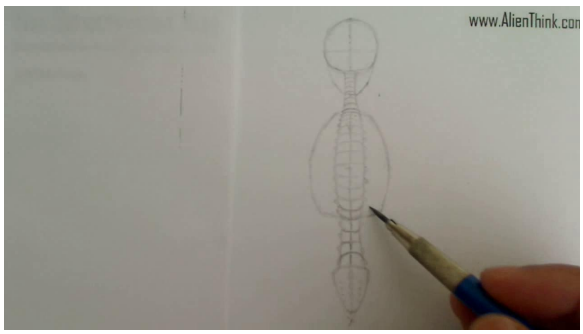
161		Right.
162		So that means that if we look at the fifth bone, we know that nothing really is going to be attaching to this guy.
163		It's really going to be this guy here.
164		So it's going to be like this that it needs to come here.

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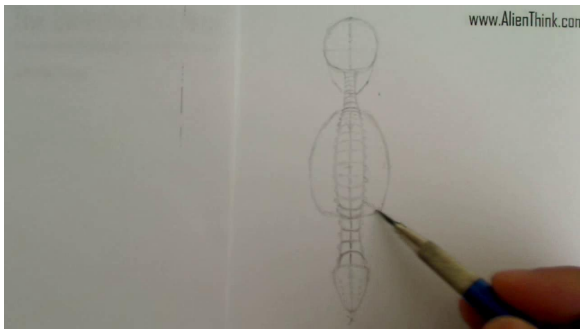
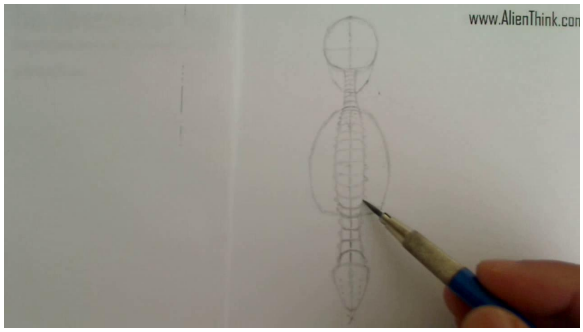
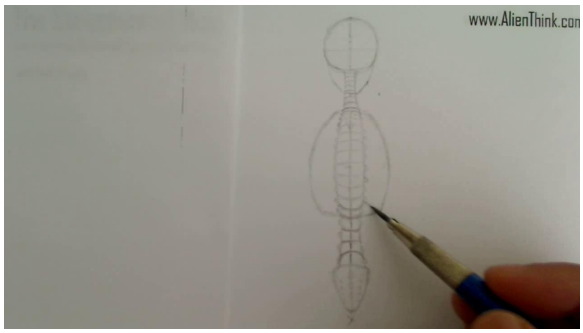
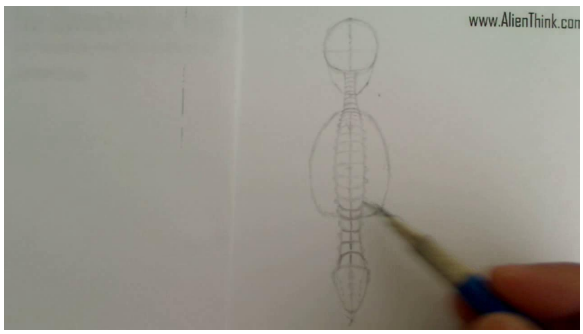
165		Right.
166		So meaning it'll start to tell you that really this closed area that we put is we just simplify it for our understanding.
167		Right.
168		So it's just going to be here like this.

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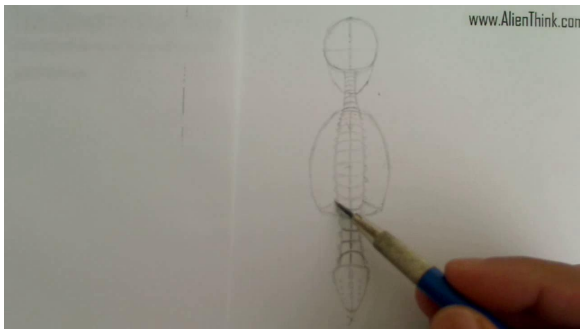
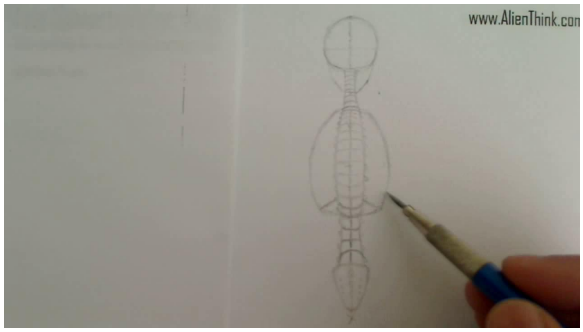
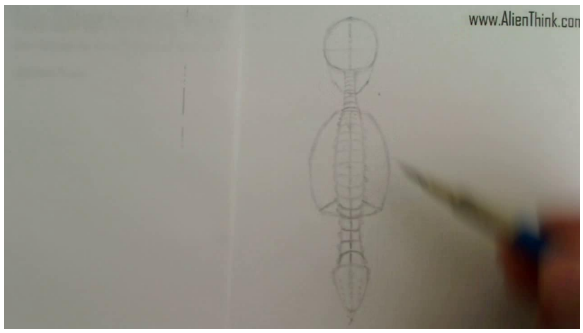
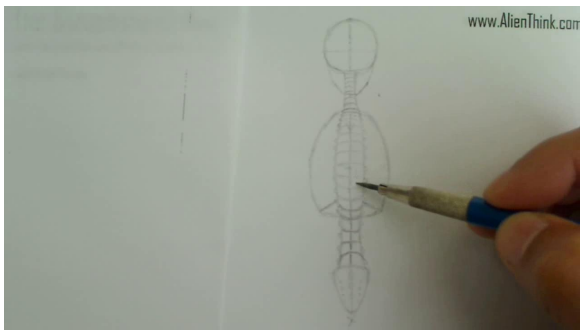
169		This is going to be hanging off.
170		Right.
171		So if you want to understand that this is going to be one, two, three, four, five, six, seven, eight, nine, ten.
172		Right.

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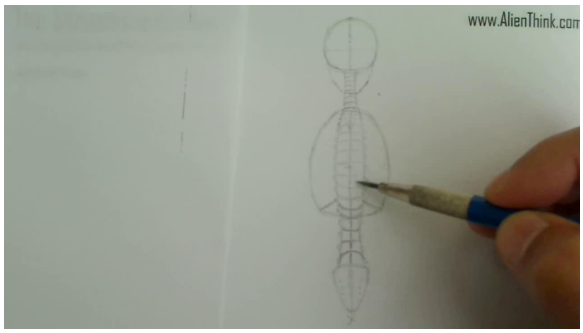
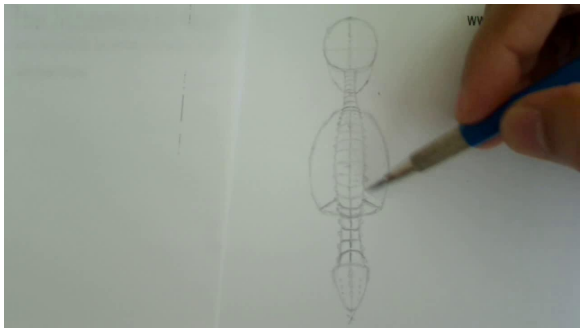
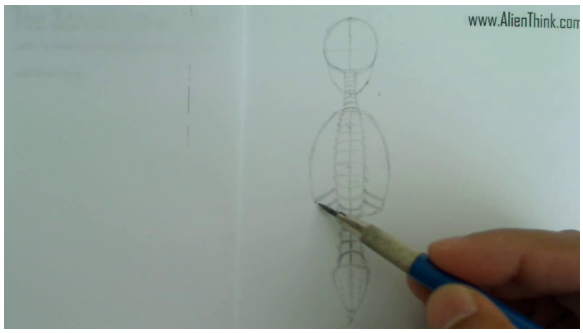
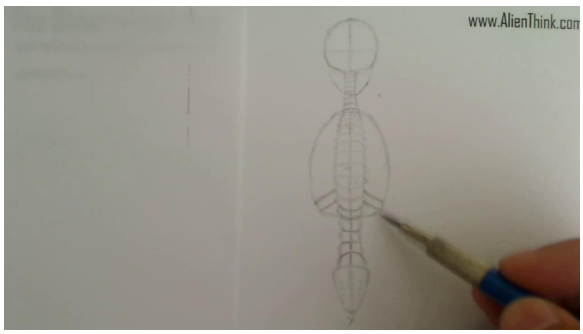
173		So when you get the tenth one, you know that the first two are just ideas here.
174		These are ribs that really just hang off the chest cavity.
175		And they're going to curve in just a little bit over here.
176		This one is really short over here.

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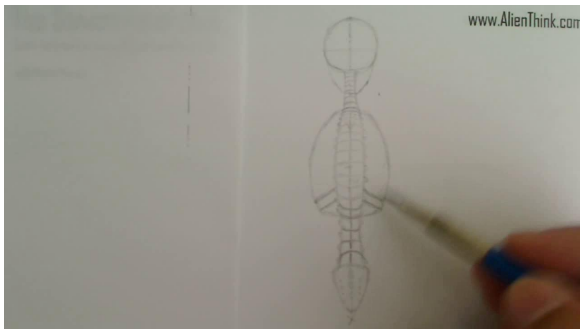
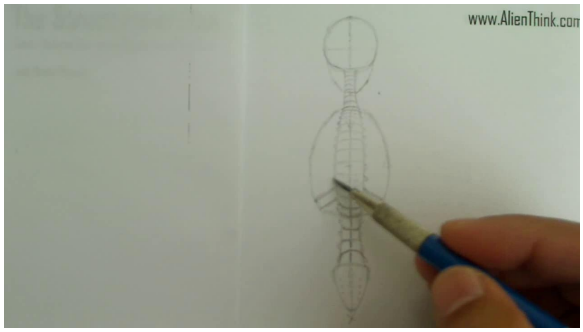
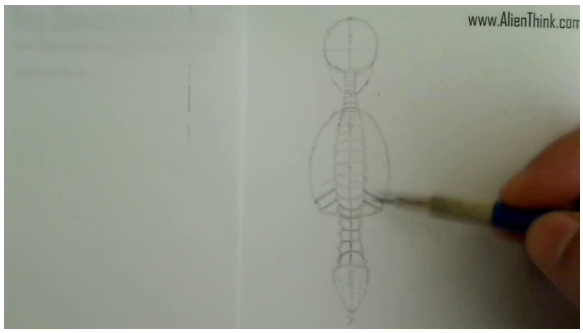
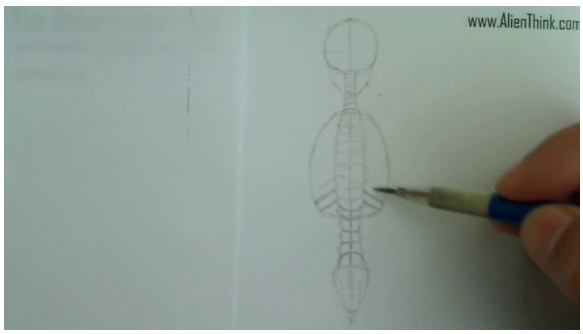
177		And we already know this.
178		This is just common sense.
179		So now I'm just going to show you something extra here.
180		So what happens is that when the ribs come out, right.

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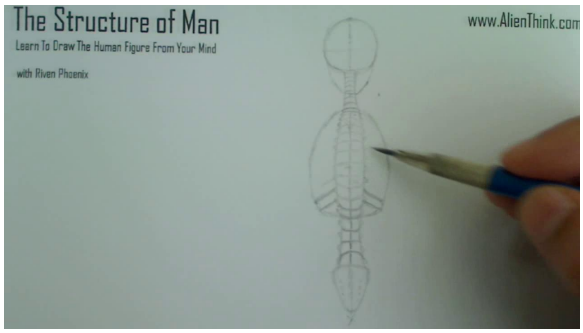
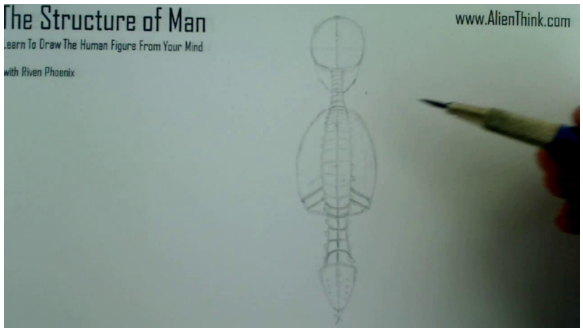
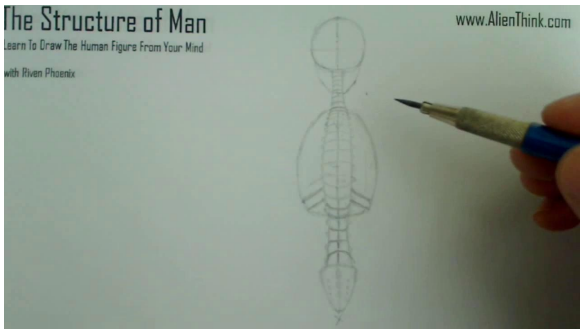
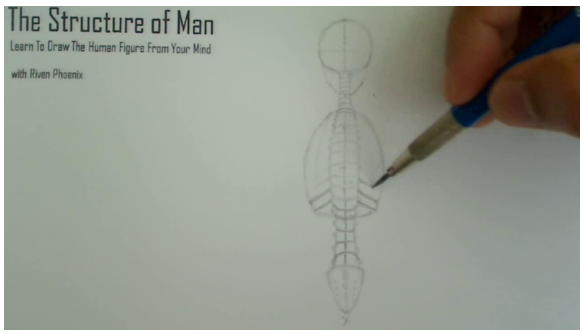
181		From the back view, when they come out, they're going to be straight all the way until here about like you can just put a line here like half way here.
182		Right.
183		We're just going to align half just like this that the ribs when they come out, they're going to be straight.
184		Okay.

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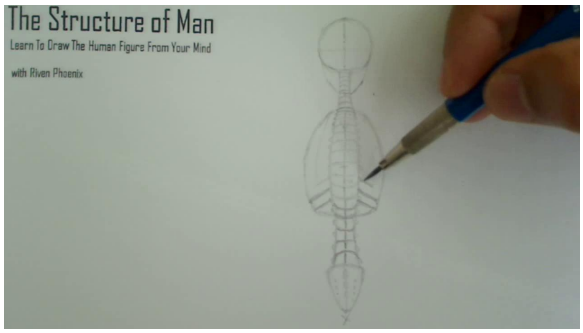
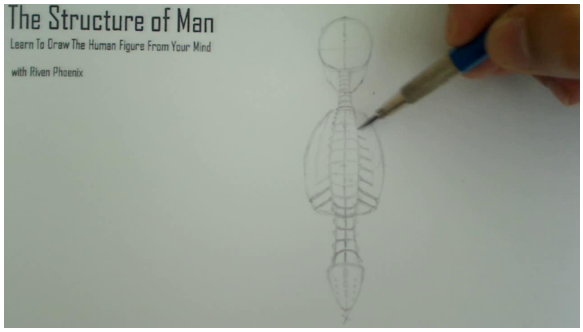
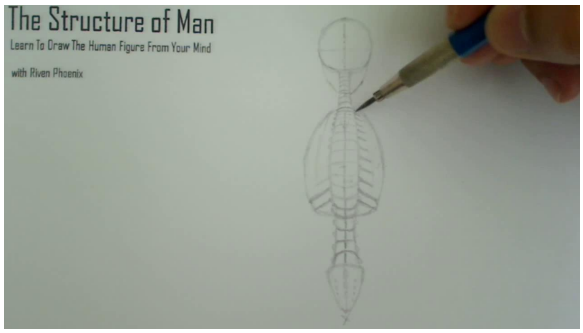
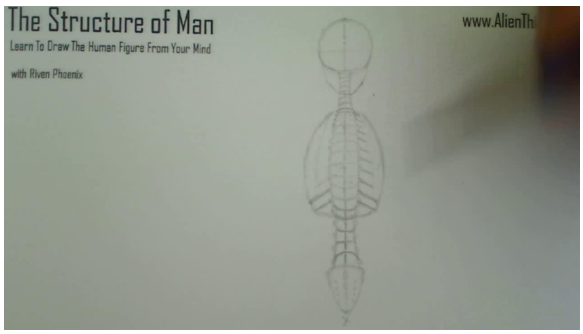
185		So this is really nothing more to this than just putting your ideas down like this.
186		You're going to get shorter like this.
187		Okay.
188		So once they come, they're going to now turn.

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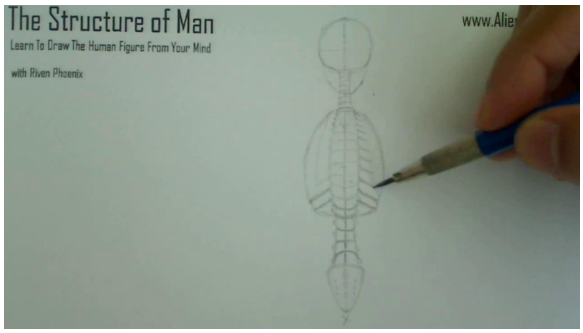
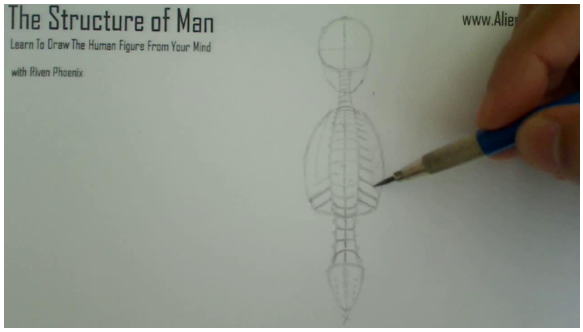
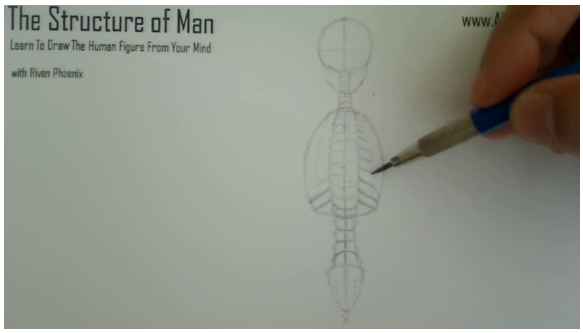
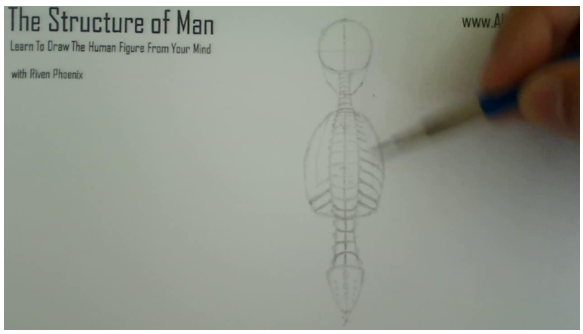
189		Right.
190		And they obviously going to go on the other side, but we don't have to draw that out that'll just cause.
191		I mean, they're like actually going on the other side here, but we haven't even looked at the front.
192		So, but I usually tell my students really don't bother putting it on the other side because I mean, there's no point.

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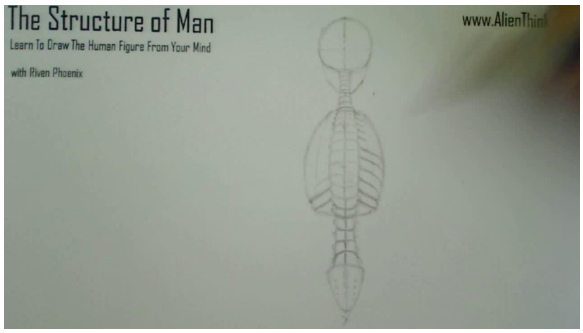
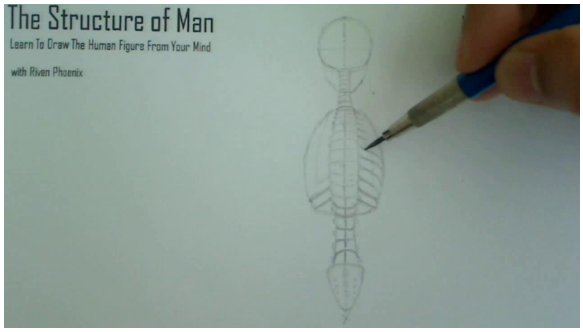
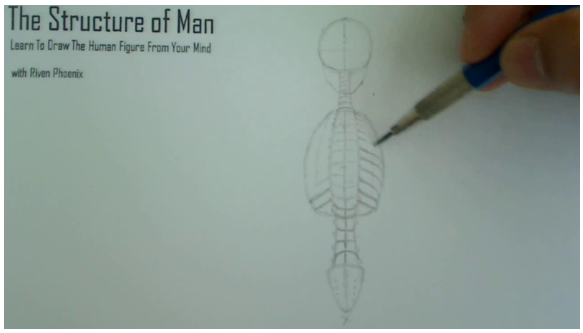
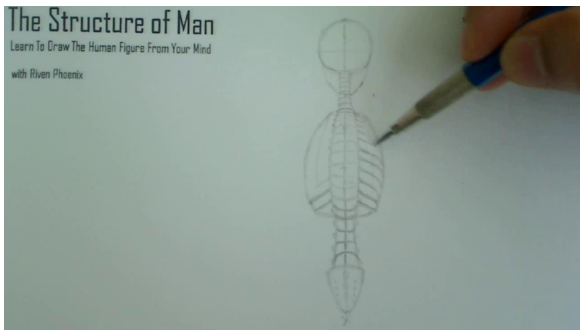
193		Right.
194		But you you can't put this all later, but we have to do the front in order to understand how to do that.
195		Right.
196		So that knowledge isn't there.

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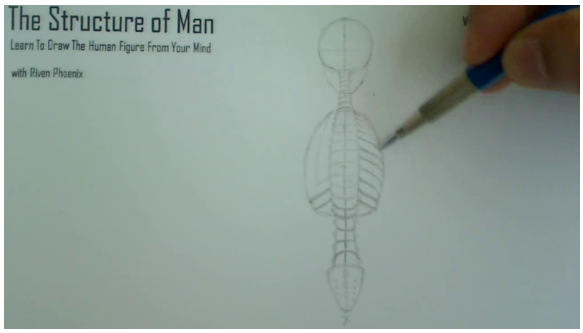
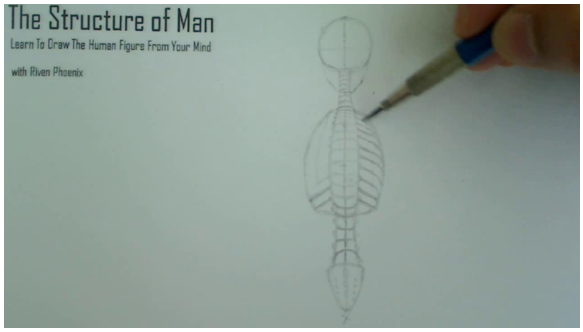
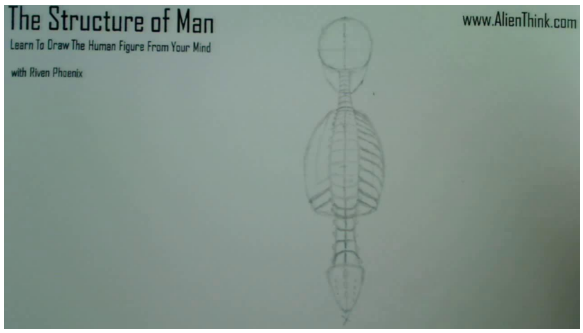
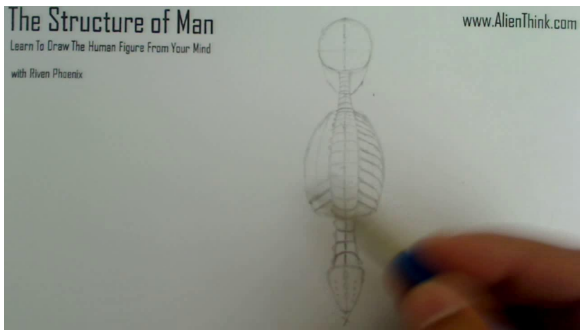
197		So here, I just want you to just do these very suggestive lines first.
198		Make sure that what you're doing is correct.
199		Right.
200		And then over here.

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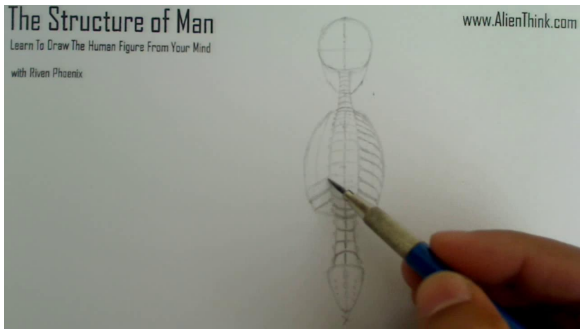
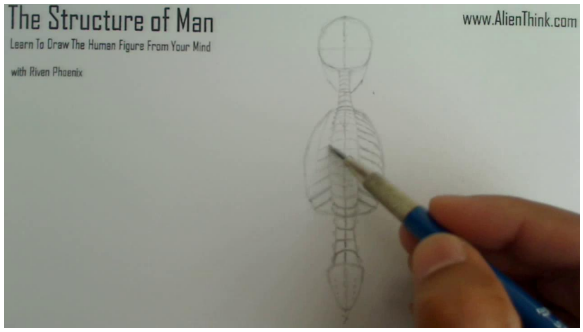
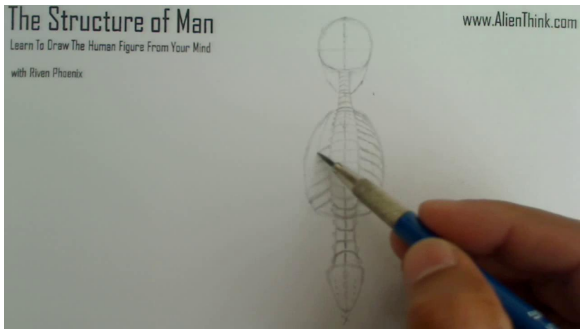
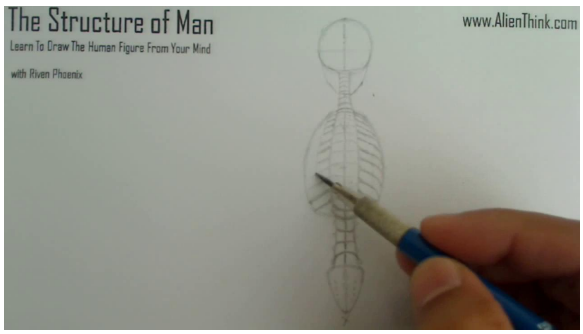
201		We know this is straight straight.
202		Right.
203		So when I'm drawing this out of obviously comparing over here to just making sure that just lines up correctly.
204		And then here I'm just going to sketch this out a little bit over here.

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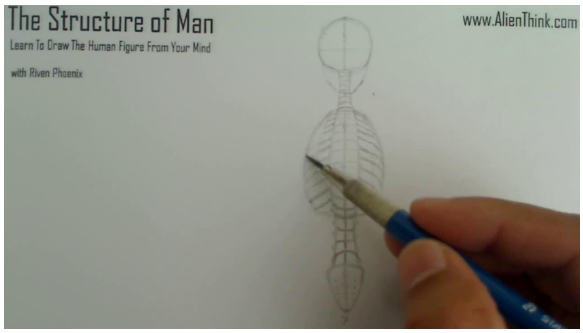
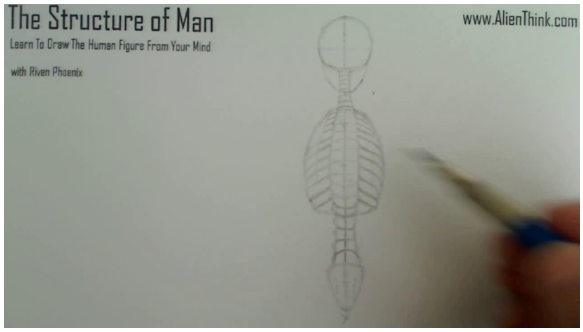
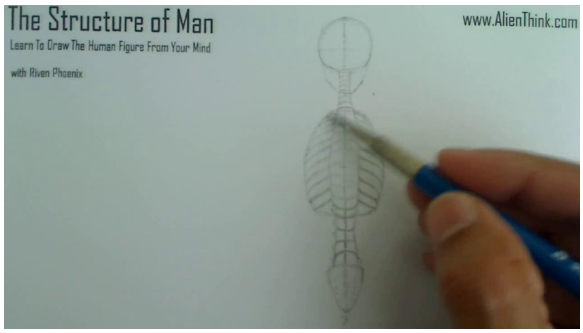
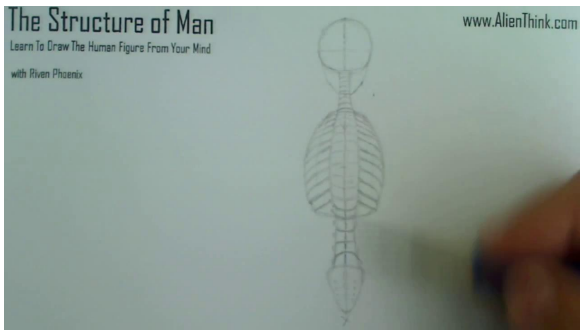
205		Right.
206		It's just going down.
207		And that's it.
208		So here we've basically figured out the back.

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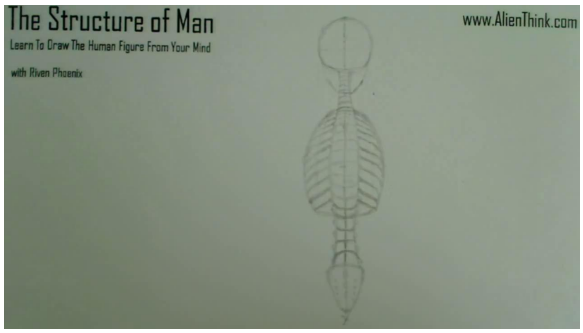
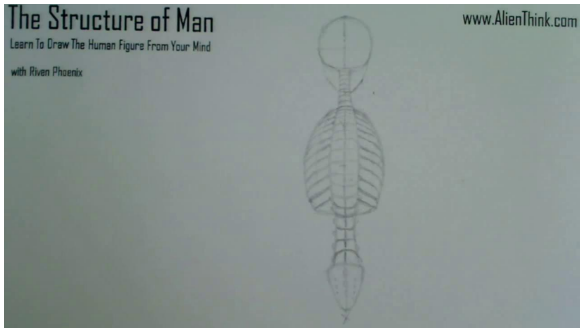
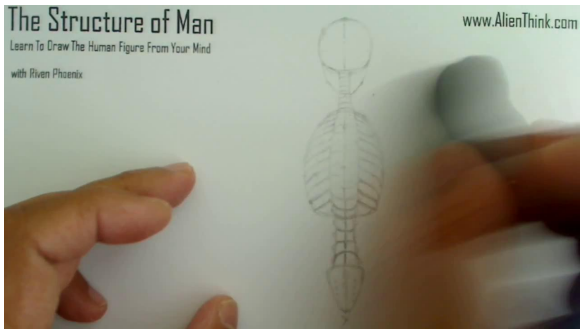
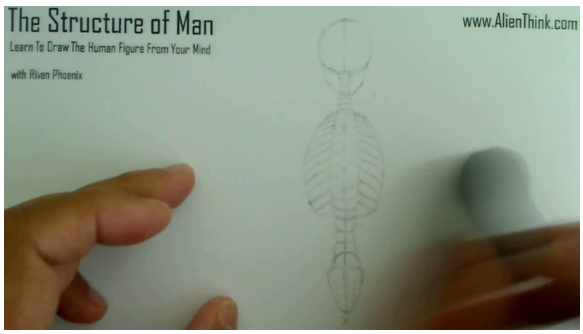
209		Right.
210		So all we have to do is now just come back with the eraser and just really just lighting up some of these lines.
211		Right.
212		Just lighting up very.

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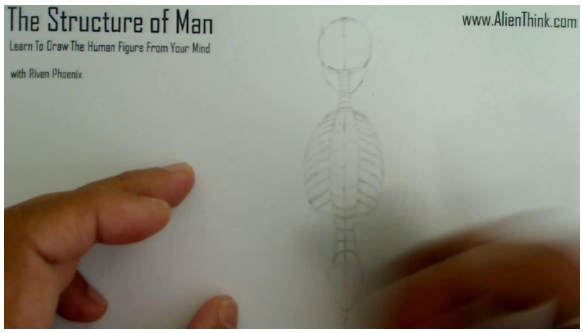
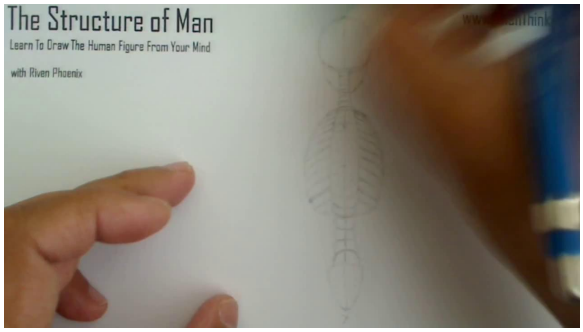
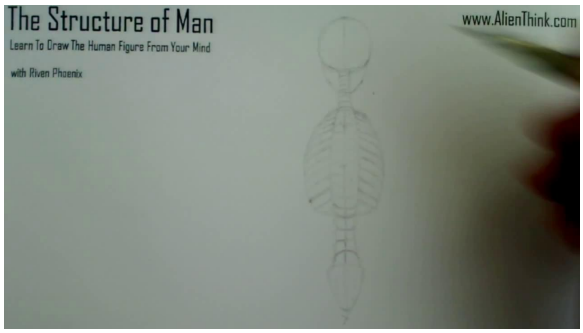
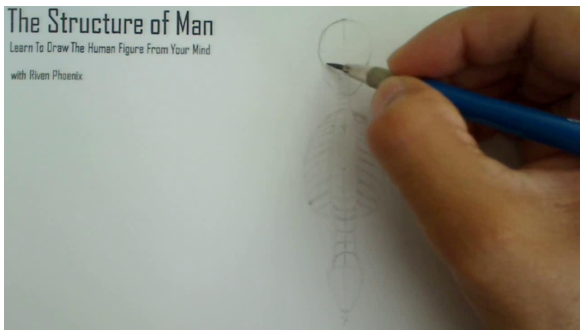
213		Don't lighten it up too much.
214		And now just finish this off.
215		So here we're going to know here just to my own version of the skull.
216		Meaning that I'm just going to put my own bumps and bruises on it, whatever.

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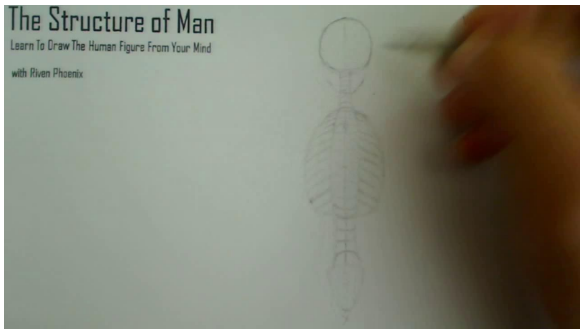
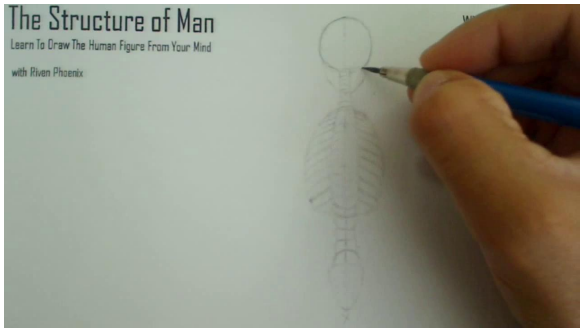
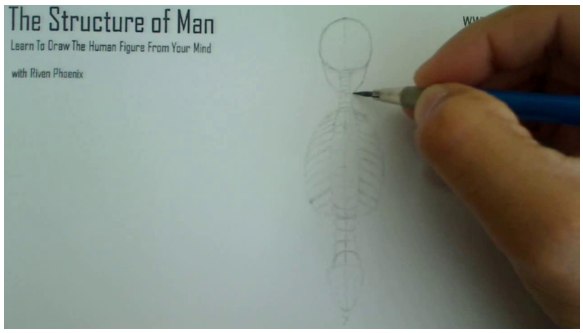
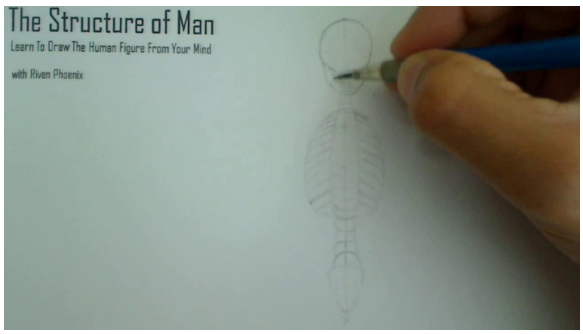
217		Right.
218		So this should be very simple for you to over here.
219		It's going in the back.
220		I know that this is just going to give you the line for the the jaw over there.

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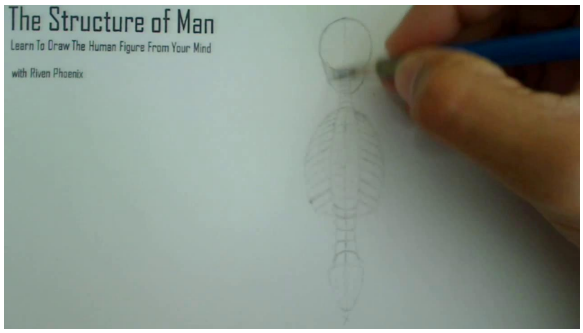
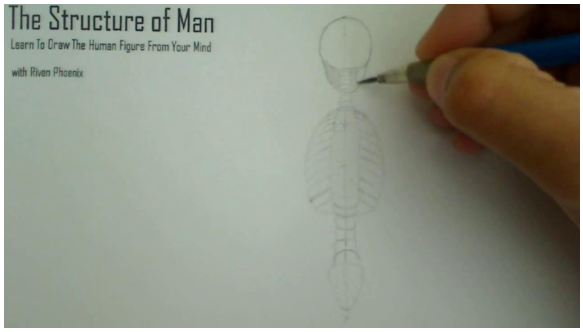
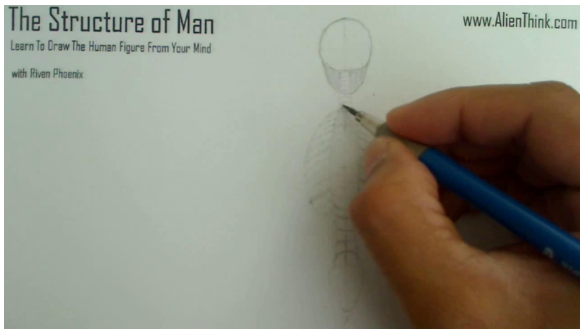
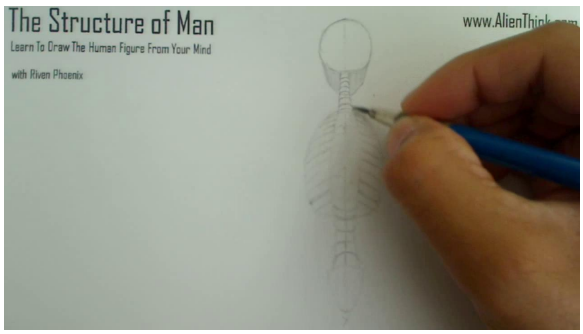
221		So I'm just going to shade this in.
222		With the back of the jaw over here.
223		And here I'm just going to.
224		Okay.

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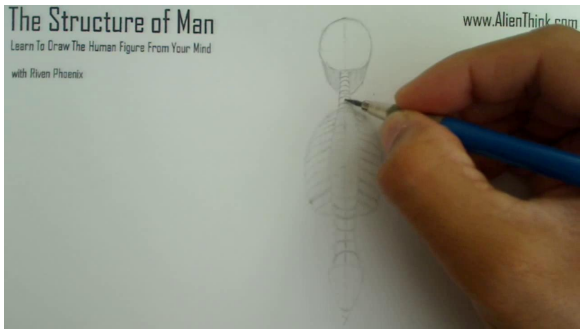
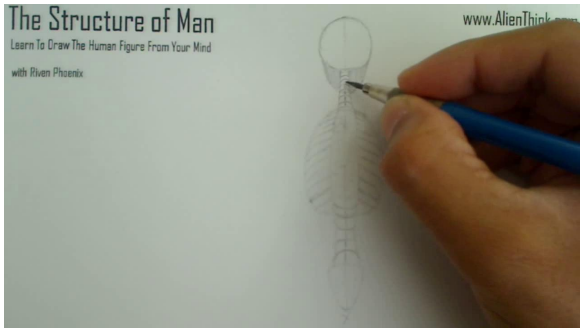
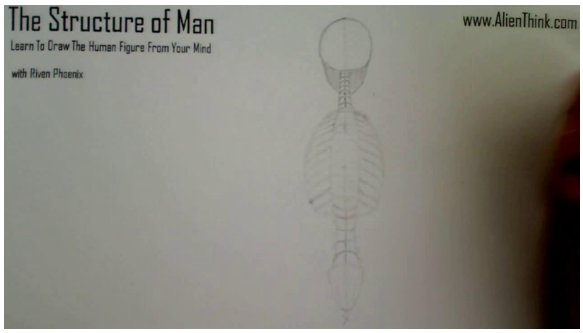
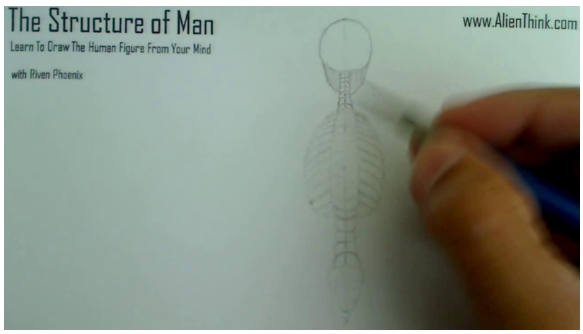
225		And then here again, I'm just going to put those lines.
226		So we know that come out as suggestive ideas.
227		Okay.
228		And then when I come here, let's start off with this section here.

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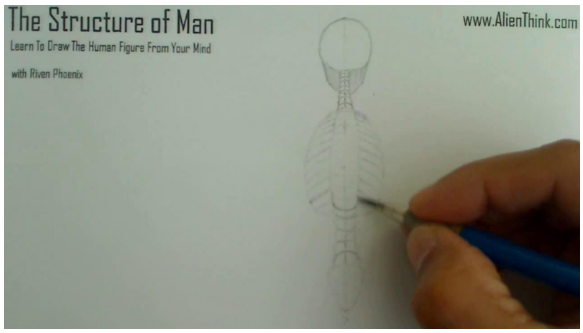
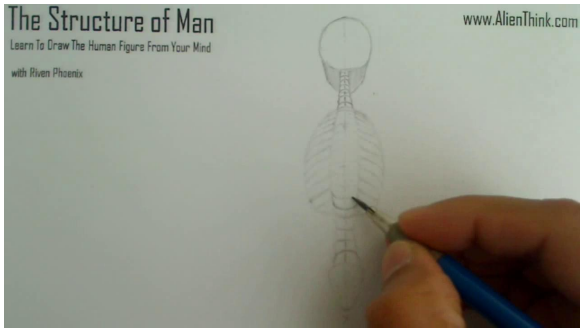
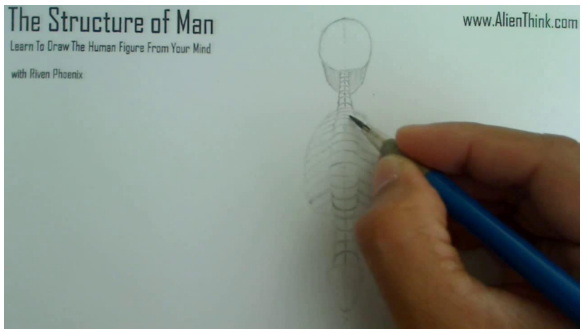
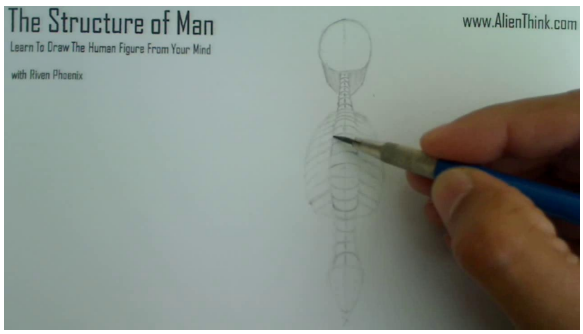
229		You can just do each bone at a time.
230		And they'll give it more character.
231		And here I'm just going to curve it in just a little bit here on the ends.
232		And that'll just make it look like a spine.

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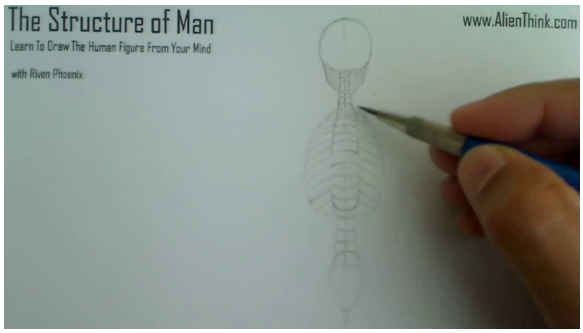
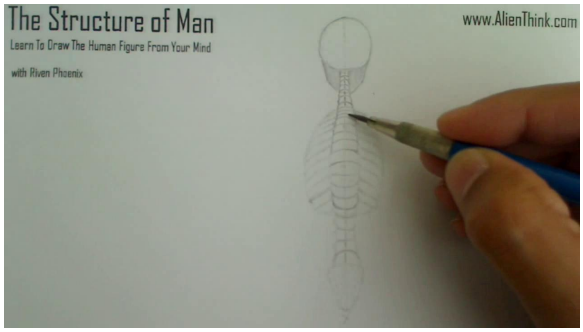
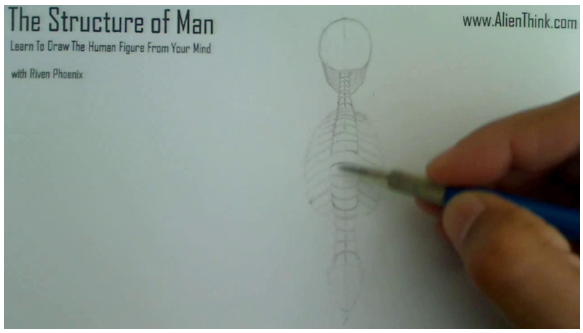
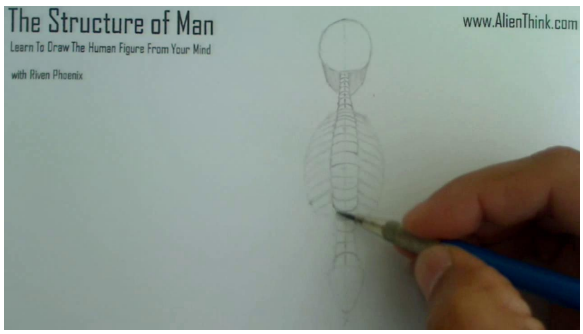
233		Right. So here I'm just showing you after you get the forms, you can just about do anything.
234		Right.
235		Give it your own character.
236		And here the same thing on these.

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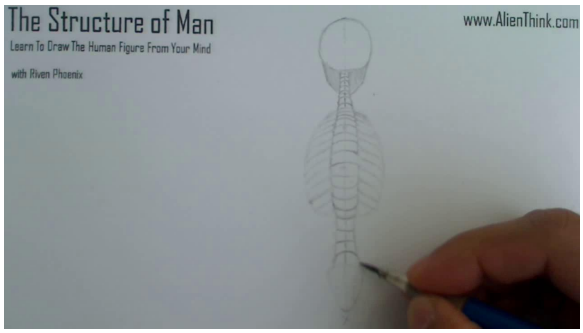
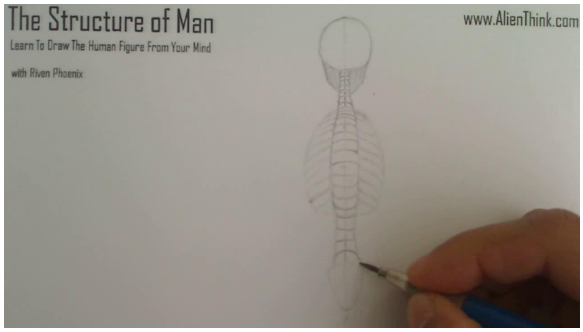
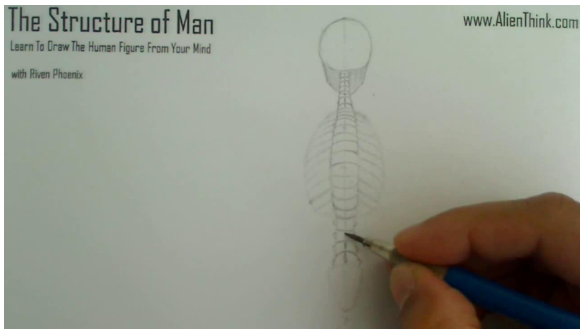
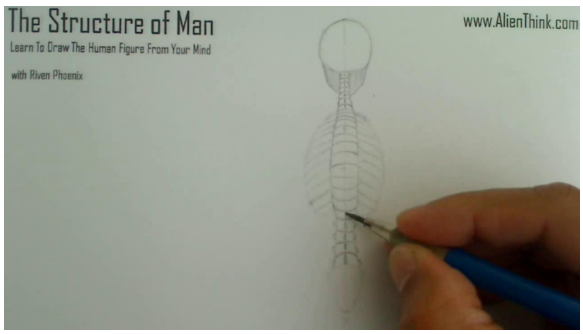
237		Right.
238		And then over here.
239		I'm going to make these a little bigger.
240		Right.

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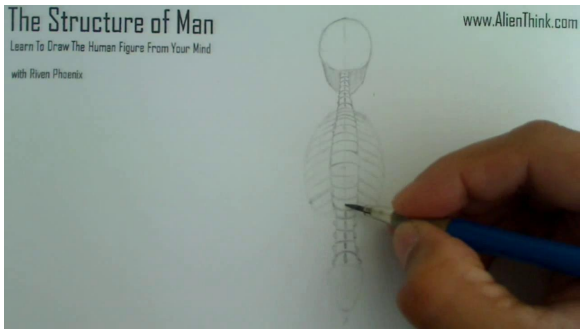
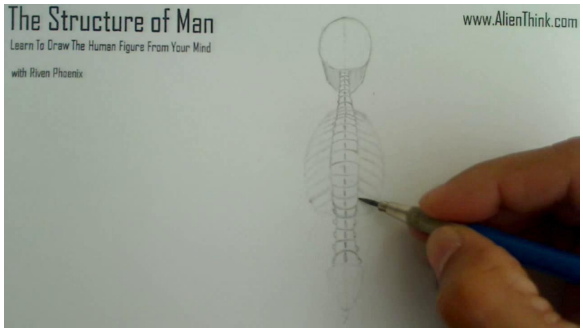
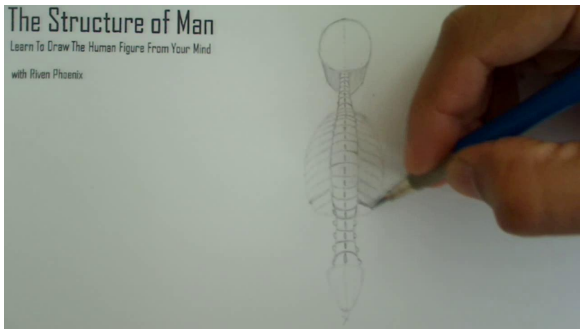
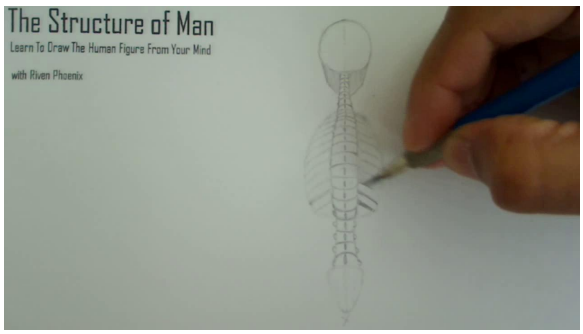
241		And then here these can be just like this.
242		Okay. So once we get this, we just make this.
243		So I'm just going to make them a little thicker here.
244		Right. So here I know that this is just going to start to turn over here.

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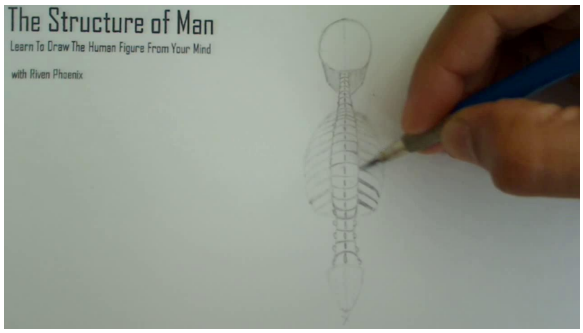
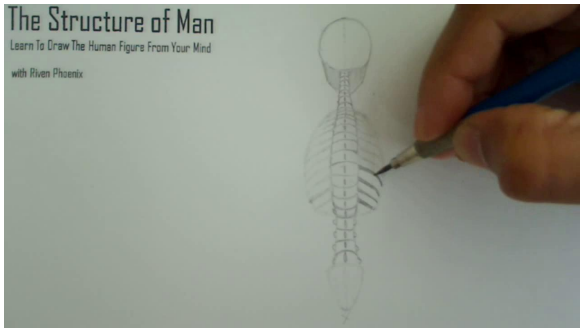
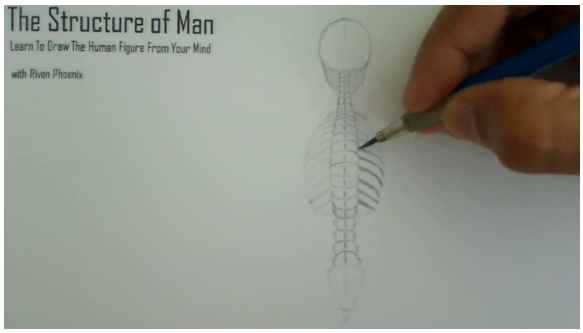
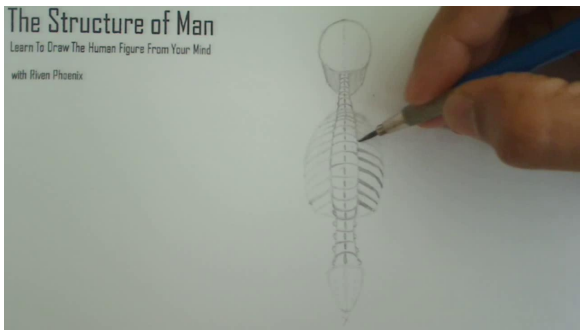
245		I'm just using the idea of suggestion here.
246		I'm going to have to draw at each bone.
247		I'm going to make sure when you're drawing these, the waves that they are connected to these.
248		Right. That's where they're coming from.

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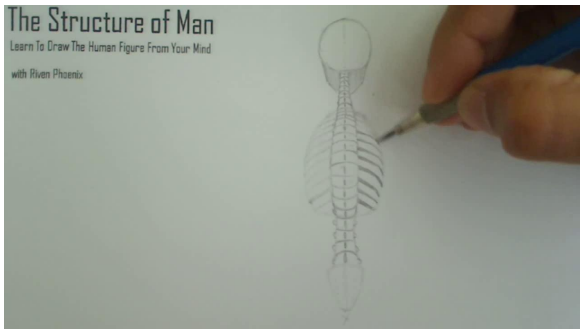
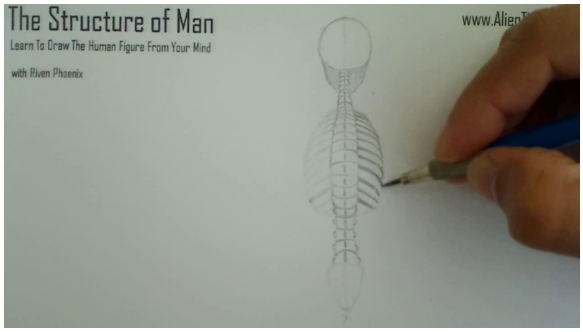
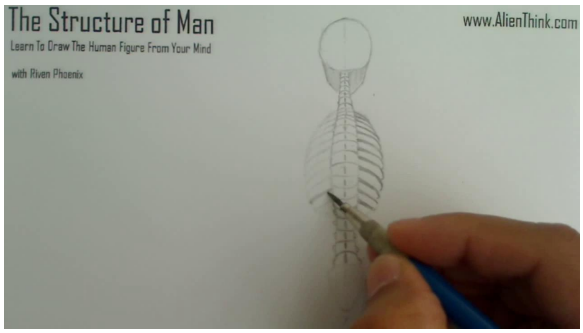
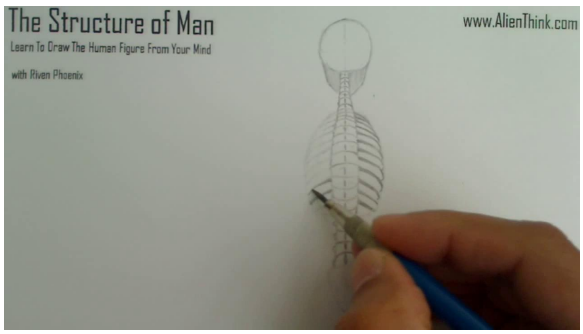
249		And so here we can just curve it in just here from the side.
250		So you can just get that basic concept to work.
251		Okay. So obviously in this section of learning about the rib cage here, right.
252		You can see that it's just taking a little more longer to go through these lessons

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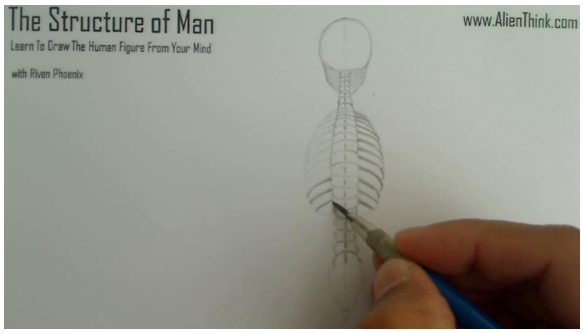
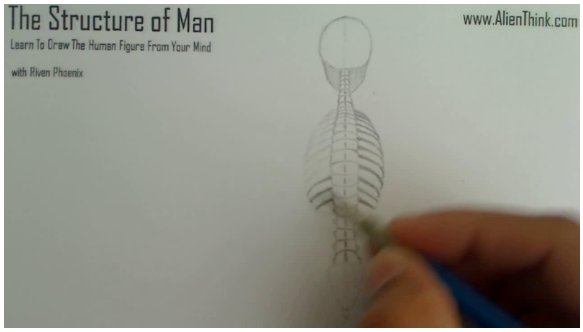
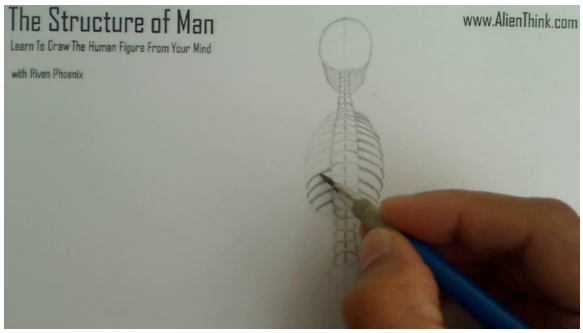
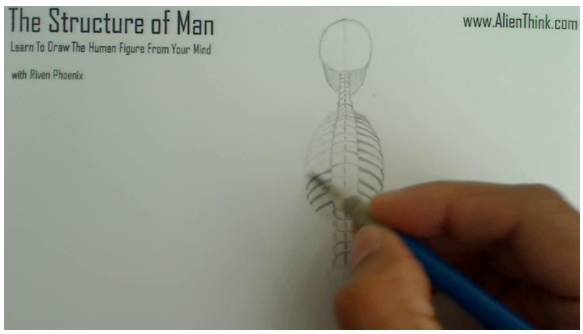
253		because you got to draw all these detail parts here.
254		But when we move forward now, after we've done obviously the front,
255		we'll be going much more quicker through it. Right.
256		So these are like some complicated parts of the skeleton system.

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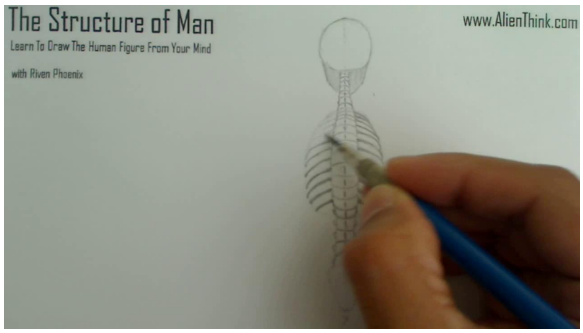
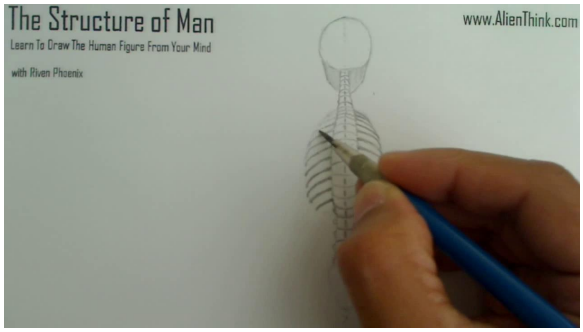
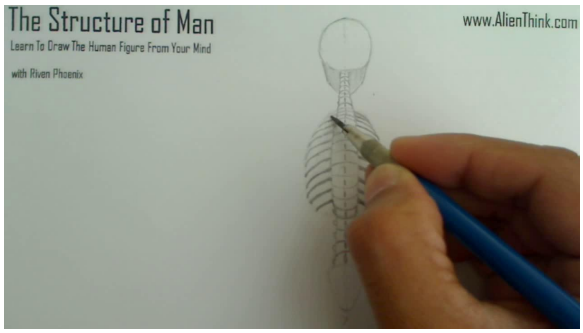
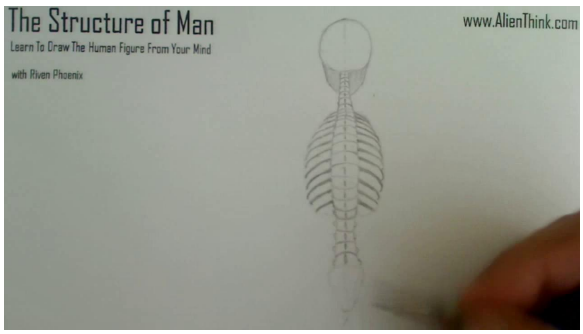
257		I'm just going to do this a little more faster here.
258		But I can just fix this drawing up later.
259		Add more details to it. Adjust anything.
260		Okay. So the only thing remaining here is just this.

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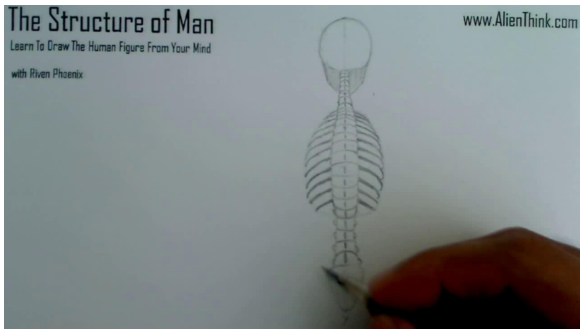
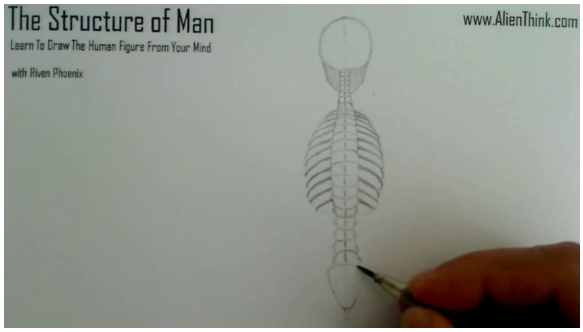
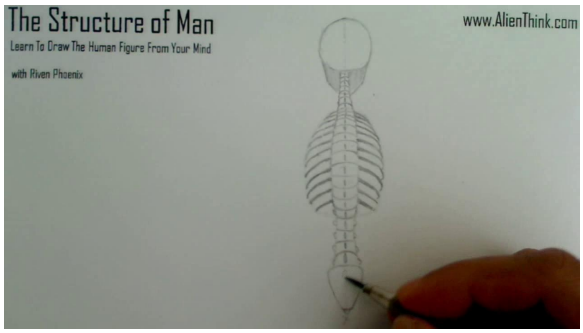
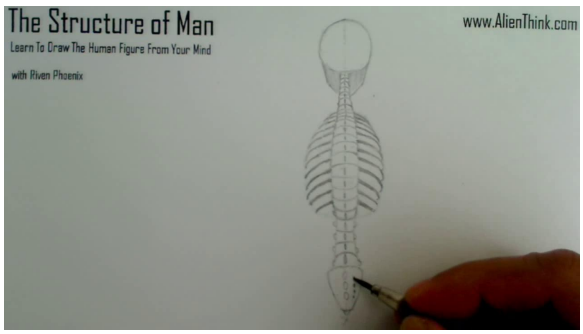
261		I'm just going to put this little piece over there.
262		Just get the basic concept down.
263		One, two, three. Near one, two, three, four.
264		Here's a hole. One, two, three, four.

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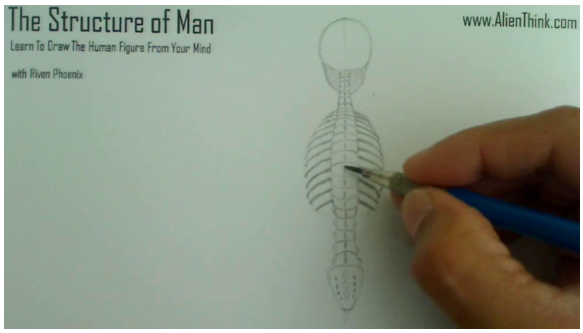
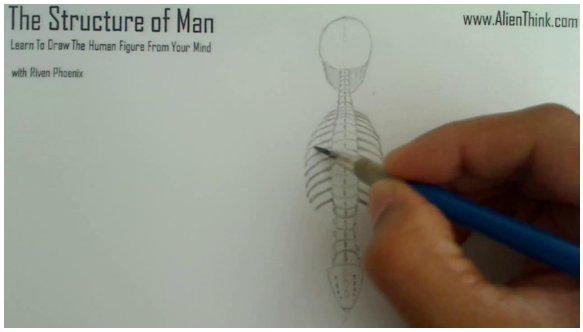
265		Okay.
266		Okay. So I'll see you in the next lesson. Thanks.

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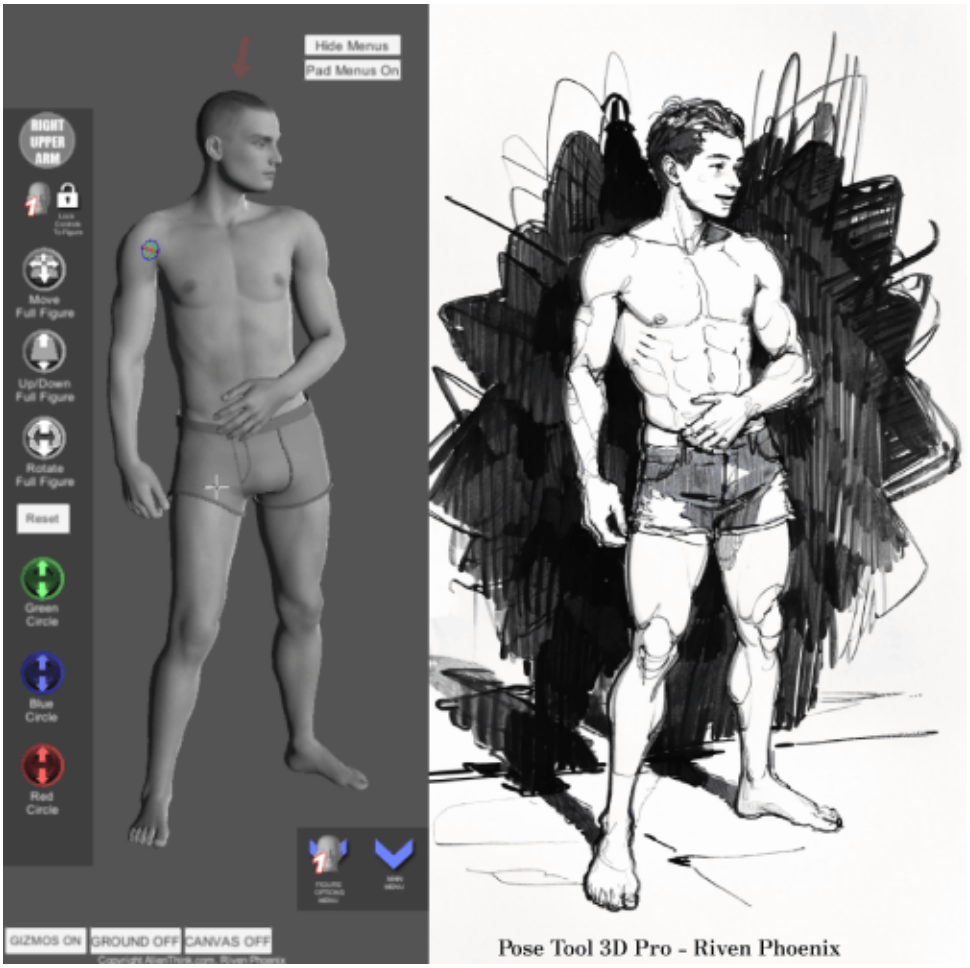

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